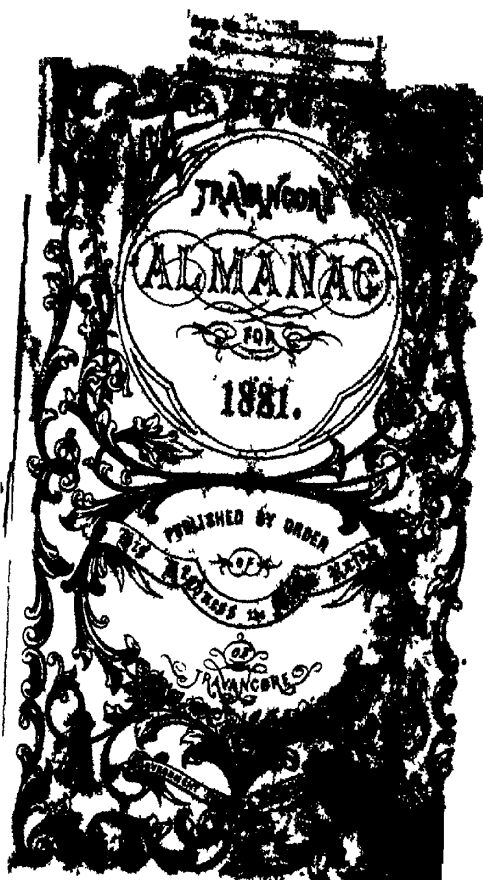


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An Ephemeris for the year 1881.

ADAPTED TO THE MERIDIAN OF TREVANDRUM.

TREVANDRUM OBSERVATORY.

Longitude	5h 7m 59s=76° 59' 45" East.
Latitude	8° 30' 32" North.
Deviation of the Compass	0° 42' 19" East.
Dip	approximately... 2° 30' South
Height above the sea	197 feet.
Mean temperature of the air in the shade ..	77° 81 Fah.
Mean temperature of evaporation in the shade.	73° 42 Fah.
Mean atmospheric pressure.....	29.681 inches.
Mean vapour pressure ..	0.778 inch.
Mean relative humidity .. ..(Saturation=1)..	0.812
Mean direction of the wind ..	W. N. W.
Mean yearly fall of rain... ..	68.36 inches.
Mean yearly evaporation	88.54 inches.



Chronological notes for 1881.

GOLDEN NUMBER ...	1
EPACT ...	30
SOLAR CYCLE ...	14
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PRINCIPAL HINDU FESTIVALS &c., For 1881.

JANUARY

11 Swergavathilakathasy Vratum Ottarayanarumbha	} Margaly	29
—Trevandrum Magara Syvelly		
12 Ottarayana Poomyakalum—Thye Pongal	Thye	1
13 Manttoo Pongal	"	2
16 Tye Pooyam	"	5
30 Sisirurthorarambha	"	19

FEBRUARY

10 Beemayagathasy Vratum Vishnucopnthipooniacalem	"	30
21 Vycathoo Ashtamy	Mansy	11
26 Sivarathree Vratum	"	16
28 Kaliyugathy... ..	"	18

MARCH

12 Shudaseethy Pooniacalem	} Panguny	1
30 Vasuntharthorarambha—Virahanamasumvulsara- rumbha		
...	"	19

APRIL

1 Meena Bharanee	"	21
3 Trevandrum Codayetto	"	23
7 Sree Rama Navamy	"	27
11 Vishoo Pooniacalem	"	31
12 Vishoo—Trevandrum Auraut	Chittray	1
14 Chitrapournamy—Chitragupta Poojah	"	3

MAY

1 Atchayathiruteeya—Kritayugathy	"	20
9 Agnesanatchetta Thosharumbha	"	28
22 Agnesanatchetta Thoshavasanah	Vauksy	10
29 Greeshmurthorarambha	"	17

JUNE

10 Visaukam Auta Tirunaul—H. H. THE MAHA RAJAH'S BIRTHDAY	} Auny	1
13 Shudaseethy Pooniacalem		
19 Arthraprasom	"	7

JULY

3 Utiram Tirunaul—H. H. Carola Varmah Rajah's birthday	"	31
8 Synikathasy Vratum	"	26
14 Thetchanayanarumbha—Thetchanayana Pooniacale- lem—Trevandrum Carcadaga Syvelly	} Audy	6
30 Bharanee Tirunaul—H. H. The Senior Ramee's birthday		
Varusharthorarambha	"	13

III

AUGUST

5	Vara Letchmy Vratum	.. . . .	Audy	29
14	Audy Auroothce		"	31
15	Auvany Pirappoo—Vishnooputhy Pooniacalem (1037)		Auvany	1
16	Ashtamy Bohany Vratum		"	2
28	Vinayaka Chathurthee		"	14
29	Rishee Panchamy		"	15
31	Muktabarana Supthamy	.....	"	17

SEPTEMBER

1	Sidha Letchmy Vratum	.....	"	18
4	Parceerthanykathasy Vratum	....	"	21
5	Indrothapanakalem	..	"	22
6	Ohnum	...	"	23
7	Anantha Vratum		"	24
8	Mahalaya Puthcharumbha		"	25
10	Ravathce Tirunaul—H. H. The 1st Prince's birthday		"	27
13	Ashtakakalarambha	.....	"	30
15	Shudaseethy Pooniacalem		Puratsy	1
20	Thuaparayugathy	...	"	6
23	Mahaleypaputhchavasanah—Poojavippoo		"	9
24	Sarathrethorarambha		"	10
30	Moolum Tirunaul—H. H. The Ellin Rajah's birthday		"	16

OCTOBER

1	Theorgashtamy—Mahanavamy		"	17
2	Veejaya Thasamy—Poojah Edupoo		"	18
10	Bharanee Tirunaul—H. H. The Junior Ramee's birthday.		"	26
15	Vishooval Pooniacalem	....	"	31
21	Trevandrum Codyettoo—Narakachathurthasy		Arpasy	6
	Teeppaulce (after Sunset)			
29	Utradum Tirunaul—H. H. Rave Vurnah Rajah's birthday	...	"	14
30	Trevandrum Aurant		"	15
31	Thiratsayugathy	...	"	16

NOVEMBER

3	Othauamkathasy Vratum		"	18
14	Vishnooputhy Pooniacalem—Vycathoo Ashtamy		"	30
22	Hemunthirthorarambha		Kartigay	8
28	Chathayum Tirunaul—H. H. The 2nd Prince's birthday		"	14

DECEMBER

1	Gooroovayoorakathasy Vratum		"	17
2	Assuvathy Tirunaul—H. H. The 3rd Prince's birthday		"	18
4	Koomaranulloor Kartigay		"	20
5	Chunthragrahana Pooniacalem		"	21
12	Thirooshtakashtakarambha		"	28
14	Shudaseethy Pooniacalem		Margaly	1
31	Swergavathilakathasy Vratum..		"	18

English and Malabar Months.

ENGLISH.				MALABAR.			
January	1	..	..	19th Margaly.			
"	12	..	..	1st Tye or Magaram.			
February	11	..	..	1st Mausy or Coombhum.			
March	12	..	..	1st Punguny or Menuum.			
April	12	..	..	1st Chitray or Madum.			
May	13	..	..	1st Vaikausy or Eddavum.			
June	13	..	..	1st Auny or Methunum.			
July	15	..	..	1st Andy or Carcadagum.			
August	15	..	..	1st Auvany or Chingum.			
September	15	..	..	1st Purattasy or Cunny.			
October	16	..	..	1st Arpasy or Toolam.			
November	15	..	..	1st Kartigay or Vrehecum.			
December	14	..	..	1st Margaly or Dhanoo.			
"	31	..	..	18th Margaly.			

English and Corresponding Malabar Years.

ENGLISH.	MALABAR.	ENGLISH.	MALABAR.	ENGLISH.	MALABAR.	ENGLISH.	MALABAR.
1801...	976-7	1826...	1001-2	1851...	1026-7	1876...	1051-2
1802...	977-8	1827...	1002-3	1852...	1027-8	1877...	1052-3
1803...	978-9	*1828...	1003-4	1853...	1028-9	1878...	1053-4
1804...	979-0	1829...	1004-5	1854...	1029-0	1879...	1054-5
1805...	980-1	1830...	1005-6	1855...	1030-1	1880...	1055-6
1806...	981-2	1831...	1006-7	1856...	1031-2	1881...	1056-7
1807...	982-3	1832...	1007-8	1857...	1032-3	1882...	1057-8
1808...	983-4	1833...	1008-9	1858...	1033-4	1883...	1058-9
1809...	984-5	1834...	1009-0	1859...	1034-5	1884...	1059-0
1810...	985-6	1835...	1010-1	1860...	1035-6	1885...	1060-1
1811...	986-7	1836...	1011-2	1861...	1036-7	1886...	1061-2
1812...	987-8	1837...	1012-3	1862...	1037-8	1887...	1062-3
1813...	988-9	1838...	1013-4	1863...	1038-9	1888...	1063-4
1814...	989-0	1839...	1014-5	1864...	1039-0	1889...	1064-5
1815...	990-1	1840...	1015-6	1865...	1040-1	1890...	1065-6
1816...	991-2	1841...	1016-7	1866...	1041-2	1891...	1066-7
1817...	992-3	1842...	1017-8	1867...	1042-3	1892...	1067-8
1818...	993-4	1843...	1018-9	1868...	1043-4	1893...	1068-9
1819...	994-5	1844...	1019-0	1869...	1044-5	1894...	1069-0
1820...	995-6	1845...	1020-1	1870...	1045-6	1895...	1070-1
1821...	996-7	1846...	1021-2	1871...	1046-7	1896...	1071-2
1822...	997-8	1847...	1022-3	1872...	1047-8	1897...	1072-3
1823...	998-9	1848...	1023-4	1873...	1048-9	1898...	1073-4
1824...	999-0	1849...	1024-5	1874...	1049-0	1899...	1074-5
1825...	1000-1	1850...	1025-6	1875...	1050-1	1900...	1075-6

Eclipses of the Sun and Moon.

In the year 1881, there will be two Eclipses of the Sun and two of the Moon, and a transit of Mercury across the Sun's disc.

I.—A Partial Eclipse of the Sun May 28, 1881, invisible at Trevandrum.

II.—A Total Eclipse of the Moon June 12, 1881, invisible at Trevandrum.

III. An Annular Eclipse of the Sun November 21, 1881, invisible at Trevandrum.

IV.—A Partial Eclipse of the Moon December 5, 1881, visible at Trevandrum.

d. h. m.

First contact with the Penumbra Decr. 5 7 24.0 P. M.

First contact with the shadow..... " 8 35.6 "

Middle of the Eclipse " 10 16.3 "

Last contact with the Shadow..... " 11 57.0 "

Last contact with the Penumbra..... 6 1 8.6 A. M.

Entire duration 5h. 44.6m.

Duration from the first to the last contact with the dark shadow 3h. 21.4m

Magnitude of the Eclipse (Moon's diameter=1) 0.978

The first contact with the shadow occurs at 61° from the Northernmost point of the Moon's limb towards the East.

The last contact, 63° towards the West; in each case, for direct image.

V.—A Transit of Mercury across the Sun's disc November 8, 1881, partly visible at Trevandrum.

d. h. m.

External contact at Ingress November ... 8 3 24 A. M.

Internal contact at Ingress " ... " 3 26. " "

Least distance of centres 3' 51.8" " ... " 6 4 " "

Internal contact at Egress " ... " 8 44 " "

External contact at Egress " ... " 8 46 " "

At Trevandrum the Sun rises at ... " 5 52

JANUARY

JANUARY

1856
1857

Day of Week.	Day of Month.	Malabar date.	SUN'S		Age.	MOON'S			
			Mean Time Trevandrum.			Mean Noon.	Mean Time Trevandrum.		
			Rising.	Setting.			Rising.	Meridian Passage.	Setting.
			A m	A m	d	A m	A m	A m	A m
Sat.	1	19	6 16	5 52	0.7	19 44	0 47	6 48	
SUN.	2	20	6 16	5 52	1.7	20 37	1 47	7 50	
Mon.	3	21	6 17	5 53	2.7	21 26	2 42	8 48	
Tues.	4	22	6 17	5 53	3.7	22 12	3 33	9 42	
Wed.	5	23	6 17	5 54	4.7	22 56	4 22	10 34	
Thur.	6	24	6 18	5 54	5.7	23 40	5 10	11 25	
Fri.	7	25	6 18	5 55	6.7	—	5 56	12 15	
Sat.	8	26	6 18	5 55	7.7	0 23	6 43	13 5	
SUN.	9	27	6 19	5 56	8.7	1 9	7 31	13 55	
Mon.	10	28	6 19	5 56	9.7	1 55	8 20	14 46	
Tues.	11	29	6 19	5 57	10.7	2 43	9 9	15 36	
Wed.	12	1	6 20	5 57	11.7	3 33	9 59	16 25	
Thur.	13	2	6 20	5 58	12.7	4 22	10 48	17 13	
Fri.	14	3	6 20	5 58	13.7	5 12	11 36	17 58	
Sat.	15	4	6 20	5 59	14.7	6 0	12 22	18 42	
SUN.	16	5	6 21	5 59	15.7	6 48	13 6	19 24	
Mon.	17	6	6 21	6 0	16.7	7 34	13 50	20 4	
Tues.	18	7	6 21	6 0	17.7	8 20	14 32	20 43	
Wed.	19	8	6 21	6 1	18.7	9 5	15 15	21 23	
Thur.	20	9	6 21	6 1	19.7	9 52	15 58	22 3	
Fri.	21	10	6 22	6 2	20.7	10 39	16 43	22 46	
Sat.	22	11	6 22	6 2	21.7	11 30	17 31	23 32	
SUN.	23	12	6 22	6 2	22.7	12 24	18 23	—	—
Mon.	24	13	6 22	6 3	23.7	13 21	19 19	0 23	
Tues.	25	14	6 22	6 3	24.7	14 21	20 19	1 18	
Wed.	26	15	6 22	6 4	25.7	15 23	21 22	2 18	
Thur.	27	16	6 22	6 4	26.7	16 25	22 25	3 28	
Fri.	28	17	6 22	6 4	27.7	17 24	23 26	4 25	
Sat.	29	18	6 23	6 5	28.7	18 20	—	5 21	
SUN.	30	19	6 23	6 5	0.3	19 12	0 24	6 29	
Mon.	31	20	6 23	6 5	1.3	20 1	1 19	7 26	

1883

JANUARY

Phases of the Moon

	d	h	m		d	h	m
) First Quarter.	7	1	17.0 P.M.	☾ New Moon	30	5	56.0 A.M.
☉ Full Moon	15	4	41.8 "	(Apogee	14	8	"
(Last Quarter	23	1	55.4 "	(Perigee	29	9	"

The Planets

d	☿ MERCURY				♀ VENUS				♂ MARS			
	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
1	h m	h m	h m	°	h m	h m	h m	°	h m	h m	h m	°
11	17 37	23 31	4 47	8 33 43	31 7	2 37	8 47	8 18 47	16 48	22 31	4 18	8 33 28
21	17 47	23 31	5 15	84 14	31 9	3 2	8 53	11 18	16 41	22 26	4 9	8 33 54
31	18 16	0 1	8 46	72 16	31 6	3 5	9 1	6 23	16 34	22 16	4 2	8 33 56
31	18 45	0 30	9 18	5 18 19	31 7	3 0	9 5 5	1 14	16 37	22 18	3 57	8 33 53

d	♃ JUPITER				♄ SATURN				♅ URANUS			
	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
1	h m	h m	h m	°	h m	h m	h m	°	h m	h m	h m	°
11	21 56	5 57	11 58	N 5 9	0 3	6 40	12 43	N 6 18	10 9	10 13	22 17	N 7 7
21	22 28	5 28	11 34	3 34	27 29	6 3	12 5	6 24	9 29	10 33	2 77	7 13
31	22 45	4 47	10 49	4 3	27 30	5 24	11 28	6 30	8 49	14 33	20 57	7 19
31	22 15	4 14	10 16	N 4 47	29 43	4 47	10 51	N 6 51	8 8	14 13	21 16	N 7 26

The mean fall of rain from 37 years observations (1838-64) in January at Frevandrum Observatory is eight tenths of an inch (0.80 in.)

In the five years 1840, 54, 56, 60 and 64 no rain fell in January

There are equal chances that the fall of rain in January will be under or above four tenths of an inch (0.4 in.)

There are four chances to one that the fall will not be more than one inch and two tenths (1.2 in.)

The greatest falls in January were in 1833, 4.3 in. in 1842 and 1845, 2.7 in.

The average number of days in which rain fell in January was two and five tenths (2.5 d.)

The average daily fall of rain on the days during which it rained in January was 0.32 in.

The mean difference for January is 0.79 in.*

The mean temperature in the shade for January from eleven years' observations (July 1853-June 1864) is 75.44 Fahr.

The monthly mean temperature varied in the eleven years between 75.22 & 75.27 "

The daily do do do 72.91 " 80.97 "

The highest observed temperature do 86.3 " 88.4 "

The lowest do do do 63.5 " 67.2 "

* The difference of the monthly falls from the mean of the whole twenty seven months being taken, and the sum of the differences being divided by 12 the mean difference is obtained. This mean difference is about one-tenth greater than what is called the probable error, and is a measure of the variability of the amount of fall for the month in different years.

JANUARY

1844
1888

Day of Month.	REMARKABLE EVENTS.
S. 1	Circumcision.—Union of Ireland with great Britain, 1801.—Proclamation of Her Majesty the Queen's assumption of the Title of Empress of India, 1877.
S. 2	2 Sunday after Christmas.—Calcutta retaken from Suraja Dowlah, 1757.
M. 3	West Indies discovered, 1492.—Natives admitted to the Covenanted Civil Service, 1880.
Tu. 4	The "Imperial Order of the Crown of India" Instituted, 1878.—Combined fleets entered the Black Sea, 1854.
W. 5	La Marmora died, 1877.
Th. 6	Epiphany.
F. 7	
S. 8	Cape of Good Hope taken, 1806.—The Cathedral at Madras consecrated 1816.
S. 9	1 Sunday after Epiphany.—Prince Edward of Wales born, 1865.—Napoleon III died, 1873.—Victor Immanuel 1st King of Italy died, 1878.
M. 10	Penny Postage, Great Britain, 1840.
Tu. 11	H. H. the Maha Rajah's return to Trevandrum from His 3rd visit to Calcutta, 1876.
W. 12	The Zulu war, 1879.
Th. 13	Battle of Chillianwalla, 1849.
F. 14	
S. 15	Madras University opened, 1853.
S. 16	2 Sunday after Epiphany.—The great South Indian [famine, 1877.
M. 17	Franklin born, 1706.
Tu. 18	H. H. the Maha Rajah's departure from Trevandrum on His 2nd visit to Calcutta, Agra and Delhi, 1876.—Capture of Bhurtpore 1826.
W. 19	Capture of Aden, 1839.
Th. 20	First English Parliament, 1265.
F. 21	Inauguration of the Wurrulley Junction Canal Works by His Highness the Maha Rajah, 1870.
S. 22	St. VINCENT.—Surrender of Mooltan, 1849.
S. 23	3 Sunday after Epiphany.—Duke of Edinburgh married, 1874.
M. 24	Mutiny at Barrackpore and Berampore, 1857.
Tu. 25	CONVERSION OF ST. PAUL.—Princess Royal married, 1858.
W. 26	Singapore taken, 1819.
Th. 27	Prince Frederick William of Prussia born, 1859.—Trial [of the King of Delhi, 1858.
F. 28	
S. 29	King George III died, 1820.
S. 30	4 Sunday after Epiphany.
M. 31	Mutiny at Vellore, 1807.

Day of Week.	Day of Month.	Malabar date.	SUN'S			MOON'S					
			Mean Time Trevandrum.		Age.	Mean Time Trevandrum.					
			Rising.	Setting.		Mean Noon	Rising	Meridian Passage.	Setting.		
			h m	h m	d	h m	h m	h m	h m		
Tues.	1	21	6 22	6 6	2-3	20 48	2 10	8 21			
Wed.	2	22	6 22	6 6	3-3	21 33	3 0	9 14			
Thur.	3	23	6 22	6 6	4-3	22 18	3 49	10 6			
Fri.	4	24	6 22	6 7	5-3	23 4	4 37	10 58			
Sat.	5	25	6 22	6 7	6-3	23 51	5 26	11 49			
SUN.	6	26	6 22	6 7	7-3	— —	6 15	12 40			
Mon.	7	27	6 22	6 7	8-3	0 39	7 5	13 31			
Tues.	8	28	6 21	6 8	9-3	1 28	7 54	14 21			
Wed.	9	29	6 21	6 8	10-3	2 18	8 44	15 9			
Thur.	10	30	6 21	6 8	11-3	3 7	9 32	15 55			
Fri.	11	1	6 21	6 8	12-3	3 56	10 19	16 40			
Sat.	12	2	6 21	6 8	13-3	4 44	11 4	17 22			
SUN.	13	3	6 21	6 9	14-3	5 31	11 48	18 3			
Mon.	14	4	6 20	6 9	15-3	6 17	12 31	18 43			
Tues.	15	5	6 20	6 9	16-3	7 3	13 14	19 23			
Wed.	16	6	6 20	6 9	17-3	7 50	13 57	20 3			
Thur.	17	7	6 20	6 9	18-3	8 37	14 42	20 46			
Fri.	18	8	6 19	6 9	19-3	9 27	15 29	21 31			
Sat.	19	9	6 19	6 10	20-3	10 19	16 19	22 19			
SUN.	20	10	6 19	6 10	21-3	11 13	17 13	23 11			
Mon.	21	11	6 18	6 10	22-3	12 12	18 9	— —			
Tues.	22	12	6 18	6 10	23-3	13 11	19 9	0 8			
Wed.	23	13	6 18	6 10	24-3	14 11	20 9	1 7			
Thur.	24	14	6 17	6 10	25-3	15 9	21 9	2 8			
Fri.	25	15	6 17	6 10	26-3	16 5	22 7	3 10			
Sat.	26	16	6 17	6 10	27-3	16 57	23 2	4 10			
SUN.	27	17	6 16	6 10	28-3	17 48	23 55	5 8			
Mon.	28	18	6 16	6 10	29-3	18 35	— —	6 4			
...		
...		

FEBRUARY

Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☾ First Quarter.	6	6	20 A.M.	☉ New Moon....	28	4	40-3 P.M.
☾ Full Moon ...	14	11	31-6 "	☾ Apogee.....	10	5	"
☾ Last Quarter.	23	0	37-9 "	☾ Perigee.....	26	3	"

The Planets

Date.	♂ MERCURY.				♀ VENUS.				♂ MARS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m. 16 14	h. m. 0 33	h. m. 6 22	° ' 5 17 38	h. m. 21 7	h. m. 3 6	h. m. 0 8	° ' 5 0 43	h. m. 16 26	h. m. 23 11	h. m. 3 54	° ' 5 23 30
11	19 9	1 2	6 55	10 43	21 5	3 5	9 7	N 4 23	16 19	22 4	3 49	22 37
21	19 21	1 19	7 17	8 2 51	20 58	3 3	9 8	9 18	16 11	21 57	3 43	21 32
28	19 9	1 9	7 9	N 6 52	20 53	3 0	9 7	N 12 32	16 6	21 51	3 36	20 16

Date.	♂ JUPITER.				♂ SATURN.				♂ URANUS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m. 22 8	h. m. 4 10	h. m. 10 12	° ' N 4 51	h. m. 22 30	h. m. 4 43	h. m. 10 47	° ' N 6 53	h. m. 8 4	h. m. 14 8	h. m. 20 12	° ' N 7 27
11	21 32	3 28	9 41	5 34	22 3	4 7	10 11	7 12	7 22	13 27	19 31	7 36
21	21 2	3 8	9 8	6 20	21 25	3 30	9 34	7 33	6 42	12 46	18 56	7 46
28	20 38	2 42	8 47	N 6 54	21 2	3 6	9 10	N 7 49	6 14	12 18	18 23	N 7 53

The mean fall of rain is 0.56in.

No rain fell in 12 of the 27 months (1836-64.)

There are equal chances that the fall will be more or less than 0.06in.

There are four chances to one that the fall will not be more than 0.8in.

The greatest falls in February were in 1847, 4.4in. and 1855, 3.02in.

The average number of days in which rain fell in February was 1.6d.

The average daily fall of rain on the days during which it rained in February was 0.34in.

The mean difference for February is 0.71in.

The mean temperature in the shade for February from eleven years' observations ..77.80 Fahr.

The monthly mean temperature varied in the eleven years between. 76.65 & 79.02 "

The daily do. do. do. 72.77 .. 83.90 "

The highest observed temperature do. 86.7 .. 92.0 "

The lowest do. do. do. 64.3 .. 69.1 "

FEBRUARY

Day of Month	REMARKABLE EVENTS.
Tu. 1	Investiture of His Highness the Maha Rajah of Travancore, with the Insignia of Knight Grand Commander of the Star of India, 1867.—Lord Bishop of Travancore and Cochin appointed, 1880.—Slavery abolished in Ceylon, 1843.
W. 2	PURIFICATION OF B. V. MARY.
Th. 3	Revolution in Ava, 1853.
F. 4	Battle of Ningpo, 1819.
S. 5	The order of St. Patrick instituted, 1782.—"Victoria Cross" founded, 1856.
S. 6	5 Sunday after Epiphany.—Tippoo defeated by Lord Cornwallis, 1792.
M. 7	Charles Dickens born, 1812.—Pope Pius IX died, 1878.
Tu. 8	Indo-Eur. Telegraph via Persia and Turkey opened, 1866.—Earl Mayo assassinated at Port Blair, 1872.
W. 9	Treaty of Calcutta, 1757.
Th. 10	Marriage of Queen Victoria, 1840.
F. 11	Battle of Sattara, 1818.
S. 12	Terrific Hail storm at Benares, 1859.
S. 13	Septuagesima Sunday.—Madras Medical College established, 1885.
M. 14	St. VALENTINE.—British crossed the Indus, for Afghanistan, 1839.
Tu. 15	
W. 16	Battle of Kandy, 1815.—Peace with Burmah, 1826.
Th. 17	Battle of Meeanee, 1843.
F. 18	Sir W. Denison, Governor Madras, arrived, 1862.
S. 19	Surrender of Hyderabad in Scinde, 1843.
S. 20	Sexagesima Sunday.—Lord and Lady Napier and Suite arrived at Trevandrum by Steamer 'Burmah,' 1868.—Election of Leo XIII, 1878.
M. 21	Treaty of Lahore, 1846.
Tu. 22	Peace with Tippoo Saib, 1792.
W. 23	Source of the Nile discovered, 1863.
Th. 24	Trial of the Guicowar of Baroda, 1875.
F. 25	Napoleon I. escaped from Elba, 1815.
S. 26	Muirny at Berhampore, 1857.
S. 27	Quinquagesima or Shrove Sunday.—General thanksgiving throughout India on account of recovery of Prince of Wales.
M. 28	SHROVE MONDAY.—Nepauls defeated, 1816.

MARCH

1883

Day of Week.	Day of Month.	Malabar Date.	SUN'S		Age.	MOON'S		
			Mean Time Trevandrum.			Mean Noon.	Mean Time Trevandrum	
			Rising.	Setting.			Rising.	Meridian Passage.	Setting.
			h m	h m	d	h m	h m	h m
Tues.	1	19	6 15	6 10	0.8	19 23	0 46	6 55
Wed.	2	20	6 15	6 10	1.8	20 9	1 36	7 52
Thur.	3	21	6 14	6 10	2.8	20 55	2 26	8 45
Fri.	4	22	6 14	6 10	3.8	21 43	3 16	9 38
Sat.	5	23	6 13	6 10	4.8	22 32	4 6	10 31
SUN.	6	24	6 13	6 10	5.8	23 22	4 57	11 23
Mon.	7	25	6 12	6 10	6.8	—	5 48	12 14
Tues.	8	26	6 12	6 10	7.8	0 12	6 37	13 3
Wed.	9	27	6 11	6 10	8.8	1 1	7 26	13 50
Thur.	10	28	6 11	6 10	9.8	1 50	8 13	14 35
Fri.	11	29	6 10	6 10	10.8	2 38	8 59	15 18
Sat.	12	1	6 10	6 10	11.8	3 26	9 43	16 0
SUN.	13	2	6 9	6 10	12.8	4 12	10 27	16 40
Mon.	14	3	6 9	6 10	13.8	4 59	11 10	17 20
Tues.	15	4	6 8	6 10	14.8	5 45	11 54	18 2
Wed.	16	5	6 8	6 10	15.8	6 33	12 39	18 44
Thur.	17	6	6 7	6 10	16.8	7 23	13 26	19 28
Fri.	18	7	6 7	6 10	17.8	8 15	14 16	20 16
Sat.	19	8	6 6	6 10	18.8	9 10	15 9	21 8
SUN.	20	9	6 6	6 10	19.8	10 7	16 5	22 3
Mon.	21	10	6 5	6 10	20.8	11 5	17 3	23 1
Tues.	22	11	6 5	6 10	21.8	12 4	18 2	—
Wed.	23	12	6 4	6 10	22.8	13 2	19 1	0 1
Thur.	24	13	6 4	6 10	23.8	13 56	19 57	1 0
Fri.	25	14	6 3	6 10	24.8	14 49	20 52	1 59
Sat.	26	15	6 3	6 9	25.2	15 38	21 44	2 56
SUN.	27	16	6 2	6 9	26.8	16 26	22 35	3 51
Mon.	28	17	6 2	6 9	27.8	17 12	23 25	4 45
Tues.	29	18	6 1	6 9	28.8	17 58	—	5 39
Wed.	30	19	6 1	6 9	0.4	18 45	0 14	6 32
Thur.	31	20	6 0	6 9	1.4	19 33	1 4	7 25

1891
1892

MARCH

Phases of the Moon

	d	h	m.		d	h	m.
☾ First Quarter.	8	1	10 0 A.M.	☉ New Moon ..	30	8	40 1 A.M.
☾ Full Moon ..	16	3	44 7 "	☾ Apogee .	10	11	"
☾ Last Quarter.	23	8	37 4 "	☾ Perigee	26	4	"

The Planets

d m.	♿ MERCURY				♀ VENUS				♂ MARS			
	Rising	Merid Passage	Set- ting	Decl- ination	Rising	Merid Passage	Set- ting	Decl- ination	Rising	Merid Passage	Set- ting	Decl- ination
	h m.	h m.	h m.	°	h m.	h m.	h m.	°	h m.	h m.	h m.	°
1	19 8	1 5	7 5	N 1 8	10 52	2 50	9 0	N 12 57	16 3	21 50	3 37	S 29 5
11	18 7	0 8	6 8	N 0 18	10 42	2 52	8 3	N 12 5	15 55	21 42	3 31	S 28 11
21	16 26	23 56	4 53	S 5 3	10 30	3 41	8 53	N 20 29	15 44	21 34	3 24	S 15 16
31	11 31	23 27	4 21	N 6 44	10 9	3 23	8 37	N 22 58	15 39	21 26	3 15	S 12 29

d m.	♃ JUPITER				♄ SATURN				♅ URANUS			
	Rising	Merid Passage	Set- ting	Decl- ination	Rising	Merid Passage	Set- ting	Decl- ination	Rising	Merid Passage	Set- ting	Decl- ination
	h m.	h m.	h m.	°	h m.	h m.	h m.	°	h m.	h m.	h m.	°
1	20 16	2 40	8 44	N 8 59	20 58	1 2	9 0	N 7 51	6 10	12 16	18 18	N 7 54
11	20 8	2 9	8 17	N 7 49	20 24	2 7	8 31	S 18	5 29	11 52	17 37	N 8 4
21	19 11	1 38	7 43	S 8 40	19 47	1 52	7 57	S 41	4 48	10 52	16 54	S 13
31	19 2	1 7	7 12	N 9 22	19 12	1 17	7 23	N 9 8	4 6	10 11	16 16	N 8 21

The mean fall of rain is 1.90 in.

No months without rain. The least falls were in 1830, 0.00 in., in 1851, 0.18 in. and in 1864 0.01 in.

There are equal chances that the fall will be more or less than 1.4 in.

There are four chances to one that the fall will not exceed 2.3 in.

The greatest falls in March were in 1838, 8.4 in. and 1845, 5.4 in.

The average number of days in which rain fell in March was 4.2d.

The average daily fall of rain on the days during which it rained in March was 0.47 in.

The mean difference for March is 1.30 in.

The mean temperature in the shade for March from eleven years' observations . 80.33 Fahr.

The monthly mean temperature varied in the eleven years between 79.46 & 81.60 "

The daily do do do 74.32 .. 83.90 "

The highest observed temperature do do 88.4 .. 91.8 "

The lowest do do do 63.8 .. 71.7 "

MARCH



Day of Month.	REMARKABLE EVENTS.
Tu. 1	SHROVE TUESDAY.—ST. DAVID.
W. 2	Ash-Wednesday.—Sovereignty of Ceylon assumed by the English, 1815.—Emperor Nicholas of Russia [died 1855.]
Th. 3	Napoleon I. returned from Elba, 1815.
F. 4	War declared against Burmah 1824.
S. 5	His Highness the Maha Rajah returned to Trevandrum, 1875, from His Highness' Second visit to Calcutta, Agra & Delhi.
S. 6	Quadragesima or I Sunday in Lent.—Peace of Seringapatam, 1792
M. 7	Union of Scotland with England, 1707.—Siege of Bangalore, 1791.
Tu. 8	
W. 9	Treaty of Lahore, 1846.
Th. 10	H. R. H. the Prince of Wales married, 1863.
F. 11	H. R. H. the Prince of Wales' departure from India, [1876.]
S. 12	End of Nepaul War 1816.—Lord Elgin appointed Governor-General of India, 1862.
S. 13	2 Sunday in Lent.
M. 14	The Sikh Army surrendered, 1849.
Tu. 15	The Madras Industrial Exhibition opened, 1858.
W. 16	Duchess of Kent died, 1861.
Th. 17	ST. PATRICK.
F. 18	Princess Louisa Caroline Alberta born, 1840.
S. 19	St. JOSEPH.—First Eclipse of Moon on record, n. c., 720.
S. 20	3 Sunday in Lent.—Bangalore taken, 1791.—Opening of the New College and laying down of the First stone of the Napier Museum in the Public Gardens by H. H. the Maha Rajah, 1878.
M. 21	Battle of Alexandria, 1801.
Tu. 22	
W. 23	
Th. 24	Battle of Hyderabad (Scinde) 1843.
F. 25	ANNUNCIATION OF B. V. MARY.—LADY-DAY.
S. 26	Furious hurricane in Southern India, 1858.
S. 27	4 Sunday in Lent.—Defeat of Tippoo Saib, 1799.—Lord Napier arrived at Madras, 1866.
M. 28	England declared War with Russia, 1854.—Alleppey Light House first lighted, 1862.
Tu. 29	Annexation of the Punjab, 1849.
W. 30	Capitulation of Paris, 1818.
Th. 31	Madras Troops embarked for Burmah, 1852.

APRIL

1884

PHASES OF THE MOON.

	d.	h.	m.		d.	h.	m.
) First Quarter.	6	9	2.4	P.M.	● New Moon ...	28	3 32.4 P.M.
⊙ Full Moon ...	14	4	57.7	"	(Apogee	7	7 A.M.
(Last Quarter.	21	2	45.8	"	(Perigee	20	5 "

THE PLANETS.

Date.	♿ MERCURY.				♀ VENUS.				♂ MARS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "
11	16 30	23 28	4 23	5 6 42	20 6	3 20	8 34	N 23 10	15 33	21 34	3 16	S 13 14
21	16 37	23 34	4 21	4 22	18 34	1 49	8 4	24 17	15 31	21 14	3 7	10 23
31	16 35	23 35	4 35	N 0 23	18 47	1 5	7 17	23 40	15 8	21 3	2 53	7 41
30	16 49	23 52	4 55	S 6 23	17 55	0 9	6 23	N 21 18	14 58	20 53	2 40	S 5 1

Date.	♃ JUPITER.				♄ SATURN.				♅ URANUS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "
11	18 59	1 4	7 8	N 9 37	19 8	1 15	7 18	N 5 10	4 2	10 7	16 13	N 5 23
21	18 23	0 31	6 40	10 28	18 54	0 39	6 44	9 37	3 23	9 27	15 32	8 30
31	17 46	0 4	6 16	11 19	17 53	0 4	6 10	10 4	2 41	8 46	14 51	8 25
30	17 38	23 15	6 40	N 12 3	17 34	23 26	5 36	N 10 37	2 8	8 16	14 15	N 8 28

The mean fall of rain is 5.06in.

No months without rain. The least falls of rain were in 1854, 0.32in. and in 1845, 0.98in.

There are equal chances that the fall will be more or less than 4.0in

There are four chances to one that the fall will not exceed 7.0in.

The greatest falls in April were in 1859, 17.27in., in 1857, Rajah, 1878, 10.47in.

The average number of days in which rain falls is 2d.

The average daily fall of rain on the days during which it rained in April was 0.5in.

The mean difference for April is 5.2in.

The mean temperature in the shade for April from eleven years' observations is 80.95 Fahr.

The monthly mean temperature varied in the eleven years between 79.81 & 82.38

The daily do. do. do. 73.75 to 84.48

The highest observed temperature do. 90.1 to 98.7

The lowest do. do. do. 71.3 to 74.4

APRIL

Day of Month.	REMARKABLE EVENTS.
F. 1	
S. 2	
S. 3	5 Sunday in Lent.—First Electric Telegraph in India [opened, 1851.
M. 4	Fortress of Jhansi taken, 1818.
Tu. 5	Mooltan taken 1852.
W. 6	Battle of Coorg, 1834.
Th. 7	Prince Leopold born, 1853.
F. 8	Ganges Canal opened, 1854.
S. 9	
S. 10	6 Sunday in Lent or Palm Sunday.—Battle of Arogis and defeat of the Abyssinians, 1868.
M. 11	
Tu. 12	Lord Lytton's assumption of the Office of Viceroy, 1876.
W. 13	Rangoon taken, 1852.—Fall of Magdala and death of the Emperor Theodorus, 1868.
Th. 14	MAUNDY THURSDAY.—Princess Beatrice born, 1857.
F. 15	GOOD FRIDAY.
S. 16	HOLY SATURDAY.—First Railway in India opened between Bombay and Tannah, 1853.
S. 17	Easter Sunday.
M. 18	EASTER MONDAY.—Tantia Topee executed at Sepri, 1859.
Tu. 19	EASTER TUESDAY.
W. 20	British occupied Candahar, 1839.
Th. 21	
F. 22	Order of British India and Merit announced, 1837.
S. 23	St. GEORGE.
S. 24	Sunday after Easter.—Russia declared war against Turkey, 1877.—Great fire at Surat, 1837.
M. 25	St. MARK.—Princess Alice born, 1843.
Tu. 26	Capture of Prome, 1824.
W. 27	Lord Hobart Governor of Madras died, 1875.
Th. 28	Sir R. Napier of Magdala Knighted, 1868.
F. 29	Peace with Russia 1856.
S. 30	

MAY

MAY

1883

Day of Week.	Day of Month.	Malabar date.	SUN'S		Age.	MOON'S			
			Mean Time Trevandrum.			Mean Time Trevandrum.			
			Rising.	Setting.		Rising.	Meridian Passage.	Setting.	
			h m	h m	d	h m	h m	h m	
SUN.	1	20	5 45	0 9	2-9	20 44	2 19	8 45	
Mon.	2	21	5 45	0 9	3-9	21 34	3 10	9 35	
Tues.	3	22	5 45	0 9	4-9	22 23	3 59	10 22	
Wed.	4	23	5 45	0 9	5-9	23 11	4 46	11 7	
Thur.	5	24	5 44	0 9	6-9	23 58	5 31	11 49	
Fri.	6	25	5 44	0 9	7-9	—	6 15	12 30	
Sat.	7	26	5 44	0 9	8-9	0 44	6 58	13 10	
SUN.	8	27	5 44	0 9	9-9	1 29	7 40	13 50	
Mon.	9	28	5 43	0 10	10-9	2 16	8 24	14 31	
Tues.	10	29	5 43	0 10	11-9	3 4	9 9	15 14	
Wed.	11	30	5 43	0 10	12-9	3 54	9 58	16 0	
Thur.	12	31	5 43	0 10	13-9	4 48	10 49	16 50	
Fri.	13	1	5 43	0 10	14-9	5 46	11 45	17 45	
Sat.	14	2	5 42	0 10	15-9	6 46	12 45	18 44	
SUN	15	3	5 42	0 10	16-9	7 47	13 46	19 45	
Mon.	16	4	5 42	0 10	17-9	8 48	14 47	20 47	
Tues.	17	5	5 42	0 11	18-9	9 46	15 47	21 48	
Wed.	18	6	5 42	0 11	19-9	10 41	16 43	22 46	
Thur.	19	7	5 42	0 11	20-9	11 32	17 36	23 42	
Fri.	20	8	5 42	0 11	21-9	12 20	18 27	—	
Sat.	21	9	5 42	0 11	22-9	13 5	19 15	0 35	
SUN.	22	10	5 41	0 11	23-9	13 49	20 3	1 27	
Mon.	23	11	5 41	0 12	24-9	14 35	20 51	2 18	
Tues.	24	12	5 41	0 12	25-9	15 20	21 40	3 9	
Wed.	25	13	5 41	0 12	26-9	16 7	22 29	4 1	
Thur.	26	14	5 41	0 12	27-9	16 55	23 20	4 53	
Fri.	27	15	5 41	0 13	28-9	17 46	—	5 45	
Sat.	28	16	5 41	0 13	0-3	18 36	0 12	6 36	
SUN.	29	17	5 41	0 13	1-3	19 27	1 3	7 26	
Mon.	30	18	5 41	0 13	2-3	20 17	1 53	8 16	
Tues.	31	19	5 41	0 13	3-3	21 5	2 40	9 2	

1881
1882

MAY

Phases of the Moon.

	d.	h.	m.		d.	h.	m.
) First Quarter.	6	3	52.1	P.M.	● New Moon....	28	4 48.6 A.M.
☉ Full Moon ..	14	3	31.6	A.M.	(Apogee.....	5	2 "
(Last Quarter.	20	8	14.7	P.M.	(Perigee.....	16	11 P.M.

The Planets.

Date.	♿ MERCURY.				♀ VENUS.				♂ MARS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "
2	16 51	22 46	4 50	N 7 5	17 40	0 3	6 16	N 30 67	14 55	20 53	3 49	S 4 43
11	17 20	24 28	3 38	14 52	16 48	22 58	5 8	17 1	14 42	20 41	2 40	1 43
21	18 0	0 13	6 28	21 53	16 3	23 10	4 18	13 43	14 29	20 29	2 29	N 1 18
31	18 48	1 3	7 18	N 28 30	16 30	21 37	3 44	N 13 11	14 18	20 17	2 19	N 4 13

Date.	♃ JUPITER.				♄ SATURN.				♅ URANUS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "
1	17 21	23 30	5 37	N 12 8	17 21	23 27	5 37	N 10 80	9 1	8 5	14 11	N 8 39
11	16 53	23 0	8 7	12 55	16 46	22 52	4 58	10 55	1 22	7 27	13 32	8 41
21	16 23	22 30	4 38	13 40	16 11	22 17	4 23	11 19	0 43	6 47	12 52	8 48
31	15 52	22 0	4 8	N 14 23	15 36	21 43	3 56	N 11 41	0 3	6 8	12 13	N 8 39

The mean fall of rain is 11.64in.

No months without rain. The least falls were in 1864, 3.32in., in 1860, 0.97in. in 1859, 2.98in., in 1855, 3.31in. and in 1838, 3.67in.

There are equal chances that the fall will be more or less than 10.5in.

There are four chances to one that the fall will not exceed 15.0in.

The greatest falls in May were in 1852, 38.71in. and 1858, 28.10in.

The average number of days in which rain fell in May was 15.7d.

The average daily fall of rain on the days during which it rained in May was 0.74in.

The mean difference for May is 6.52in.

The mean temperature in the shade for May from eleven years' observations 80.19 Fahr.

The monthly mean temperature varied in the eleven years between. 78.56 & 82.80 "

The daily do. do. do. 73.93 .. 84.09 "

The highest observed temperature do. 87.8 .. 94.5 "

The lowest do. do. do. 71.8 .. 75.9 "

MAY

1855
1856

Day of Month.	REMARKABLE EVENTS.
S. 1	2 Sunday after Easter.—Prince Arthur born, 1850.—Great cyclone at Madras, 1872.
M. 2	Order of British India instituted, 1837.—Lord Ripon appointed Viceroy of India, 1880.
Tu. 8	Mutiny at Lucknow, 1857.
W. 4	Seringapatam taken and Tippoo killed, 1799.—Shiraz destroyed by Earthquake, 1853.
Th. 5	Bonaparte died at St. Helena, 1821.
F. 6	St. John.
S. 7	Madras Railway extended to Vellore, 1857.
S. 8	3 Sunday after Easter.
M. 9	Her Highness the Ranee of Travancore died, 1853.
Tu. 10	Rangoon captured, 1824.
W. 11	Mutiny and Massacre at Delhi, 1857.—Prince of Wales reached England from India, 1876.
Th. 12	
F. 13	
S. 14	Dr. Jenner successfully vaccinated a boy at Berkley in Gloucestershire, 1786.
S. 15	4 Sunday after Easter.—Indian Native Troops, despatched to Malta, 1878.
M. 16	
Tu. 17	First Telegraphic message between Bombay & Calcutta,
W. 18	Census of Travancore taken, 1875. [1854.
Th. 19	Bassein taken, 1852.
F. 20	
S. 21	
S. 22	5 Sunday after Easter or Rogation Sunday.
M. 23	
Tu. 24	Her Majesty Queen Victoria born, 1819.
W. 25	Princess Helena born, 1846.
Th. 26	HOLY THURSDAY OR ASCENSIONDAY.—Treaty of Peace signed at Gundamuk between Ameer Yacob Khan and the British Indian Government, 1879.
F. 27	Habeas Corpus Act passed, 1796.
S. 28	
S. 29	Sunday after Ascension.
M. 30	
Tu. 31	H. H. Rama Vurmah Maha Rajah died, 1890.

JUNE

1886

Phases of the Moon

	d.	h.	m.		d.	h.	m.
) First Quarter.	5	8	27.4	A.M.	(Apogee	1	7
☾ Full Moon ...	12	0	4.4	P.M.	(Perigee	13	11
☾ Last Quarter.	19	2	26.2	A.M.	(Apogee	29	8
● New Moon ..	26	7	11.6	P.M.			

The Planets.

♿ MERCURY.				♀ VENUS.				♂ MARS.			
Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1 10 51	1 7	7 33	N 25 27	15 37	21 34	3 41	N 12 8	14 14	20 10	3 18	N 4 30
11 10 50	1 40	7 45	24 38	15 8	21 13	3 30	12 23	14 8	20 4	3 8	N 7 31
21 10 37	1 50	8 3	21 36	14 53	21 0	3 8	13 39	13 46	19 52	1 58	N 10 2
29 10 34	1 38	7 45	N 18 33	14 45	20 54	3 3	N 15 17	13 33	19 43	1 45	N 12 13

♃ JUPITER.				♄ SATURN.				♅ URANUS.			
Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1 15 48	21 15	4 4	N 14 37	15 32	21 49	7 48	N 11 43	0 0	6 8	13 10	N 8 38
11 15 17	21 20	3 36	15 6	14 57	21 4	3 11	12 3	23 31	5 26	11 31	N 8 33
21 14 48	20 55	3 4	12 49	14 31	20 28	2 48	13 23	23 43	4 48	10 45	N 8 28
29 14 17	20 25	2 36	N 16 11	13 49	19 56	2 3	N 13 35	22 4	4 10	10 15	N 8 10

The mean fall of rain is 12.45in.

No months without rain. The least falls of rain were in 1861, 5.14in., in 1860, 5.53in., in 1857, 5.55in., and in 1848, 5.89in.

There are equal chances that the fall will be more or less than 11.74in.

There are four chances to one that the fall will not be more than 15.54in.

The greatest falls in June were in 1864, 32.79in., in 1846, 21.23in. and in 1843, 17.68in.

The average number of days in which rain fell in June was 23.24.

The average daily fall of rain on the days during which it rained in June was 0.56in.

The mean difference for June is 3.76in.

The mean temperature in the shade for June from eleven years' observations 77.67 Fahr.

The monthly mean temperature varied in the eleven years between. 75.49 to 78.91 "

The daily do. do. do. 72.58 to 82.67 "

The highest observed temperature do. 83.9 to 88.0 "

The lowest do. do. do. 70.1 to 73.0 "

JUNE

Day of Month	REMARKABLE EVENTS.
W. 1	First Turf of Central India Railway turned, 1856.—Prince Imperial killed in Zululand, 1879.—Sir Salar Jung visit d England, 1876.—The Rampa Rebellion, 1879.
Th. 2	
F. 3	Prince George Frederick of Wales born, 1865.
S. 4	The Berlin Treaty, 1878.
S. 5	Pentecost or Whit-Sunday.—Severe Gale at Trevandrum, 1868.
M. 6	Calcutta partially lighted with gas, 1843.
Tu. 7	The Militia Bill passed in the House of Commons, 1852.
W. 8	
Th. 9	First Turf of Madras Railway cut, 1853.
F. 10	
S. 11	ST. BARNABAS.
S. 12	Trinity Sunday —Massacre of the Fattighur fugitives at Cawnpore, 1857.
M. 13	
Tu. 14	
W. 15	King of Oude, a state prisoner in Fort William, 1857.
Th. 16	CORPUS CHRISTI.—Capture of Woosung, 1842.
F. 17	H. H. Rama Varma the present Maha Rajah Ascended the Musnud, 1880.
S. 18	Battle of Waterloo, 1815.
S. 19	1 Sunday after Trinity.—Maximillian Emperor of Mexico shot, 1867.
M. 20	Accession of Queen Victoria, 1837.
Tu. 21	Proclamation of Queen Victoria.
W. 22	
Th. 23	Insurrection at Paris, 1848.
F. 24	ST. JOHN THE BAPTIST.—MIDSUMMER-DAY.
S. 25	
S. 26	2 Sunday after Trinity.
M. 27	Cawnpore massacre, 1858.
Tu. 28	Coronation of Queen Victoria, 1838.
W. 29	ST. PETER AND ST. PAUL.
Th. 30	Opening of first Railway in China from Shanghai, 1875.

JULY

1881

JULY

188

Day of Week.	Day of Month.	Malabar date.	SUN'S		Age.	MOON'S			
			Mean Time Trevandrum.			Mean Time Trevandrum.			
			Rising.	Setting.		Rising.	Meridian Passage.	Setting.	
			<i>h m</i>	<i>h m</i>	<i>d</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>	
Fri.	1	19	5 46	6 21	4.7	22 4	3 32	9 44	
Sat.	2	20	5 47	6 21	5.7	22 49	4 14	10 23	
SUN.	3	21	5 47	6 21	6.7	23 35	4 56	11 2	
Mon.	4	22	5 47	6 21	7.7	—	5 40	11 44	
Tues.	5	23	5 47	6 21	8.7	0 24	6 26	12 28	
Wed.	6	24	5 48	6 21	9.7	1 16	7 16	13 16	
Thur.	7	25	5 48	6 21	10.7	2 11	8 10	14 9	
Fri.	8	26	5 48	6 21	11.7	3 10	9 9	15 8	
Sat.	9	27	5 48	6 21	12.7	4 11	10 10	16 10	
SUN.	10	28	5 48	6 21	13.7	5 13	11 13	17 13	
Mon.	11	29	5 49	6 21	14.7	6 14	12 15	18 17	
Tues.	12	30	5 49	6 22	15.7	7 12	13 15	19 18	
Wed.	13	31	5 49	6 22	16.7	8 5	14 11	20 18	
Thur.	14	32	5 50	6 22	17.7	8 56	15 4	21 14	
Fri.	15	1	5 50	6 22	18.7	9 44	15 55	22 8	
Sat.	16	2	5 50	6 22	19.7	10 30	16 45	23 1	
SUN.	17	3	5 50	6 21	20.7	11 16	17 34	23 54	
Mon.	18	4	5 50	6 21	21.7	12 3	18 24	—	
Tues.	19	5	5 50	6 21	22.7	12 50	19 14	0 46	
Wed.	20	6	5 51	6 21	23.7	13 39	20 4	1 39	
Thur.	21	7	5 51	6 21	24.7	14 29	20 54	2 29	
Fri.	22	8	5 51	6 21	25.7	15 19	21 44	3 20	
Sat.	23	9	5 51	6 21	26.7	16 9	22 33	4 9	
SUN.	24	10	5 51	6 21	27.7	16 57	23 20	4 57	
Mon.	25	11	5 51	6 21	28.7	17 45	—	5 41	
Tues.	26	12	5 52	6 21	0.1	18 32	0 5	6 24	
Wed.	27	13	5 52	6 20	1.1	19 17	0 49	7 4	
Thur.	28	14	5 52	6 20	2.1	20 2	1 31	7 44	
Fri.	29	15	5 52	6 20	3.1	20 47	2 13	8 22	
Sat.	30	16	5 52	6 20	4.1	21 52	3 55	9 2	
SUN.	31	17	5 52	6 20	5.1	22 19	3 37	9 42	

1884
1885

JULY

Phases of the Moon

	d.	h	m		d.	h	m
) First Quarter	4	10	24	1 M	● New Moon	26	10 27 1 A.M.
① Full Moon	11	7	21	2 P.M.	(Perigee	12	7 "
(Last Quarter	18	10	41	3 A.M.	(Apogee	26	2 P.M.

The Planets

Date	♿ MERCURY				♀ VENUS				♂ MARS			
	Rising	Merid. Passage	Set-ting	Decl. nation	Rising	Merid. Passage	Set-ting	Decl. nation	Rising	Merid. Passage	Set-ting	Decl. nation
	A. M.	A. M.	A. M.	"	A. M.	A. M.	A. M.	"	A. M.	A. M.	A. M.	"
1	18 21	1 73	7 43	N 15 14	14 44	20 43	3 2	N 18 20	18 34	19 41	1 45	N 13 22
11	18 18	0 44	6 32	N 15 13	14 41	20 3	3 1	N 17 28	18 30	19 39	1 35	N 14 48
21	17 22	23 28	5 41	N 16 42	14 41	20 23	3 3	N 16 14	18 7	19 17	1 27	N 16 20
31	16 49	22 31	5 2	N 18 45	14 40	20 37	3 9	N 15 23	18 34	19 5	1 16	N 18 36

Date	♃ JUPITER				♄ SATURN				♅ URANUS			
	Rising	Merid. Passage	Set-ting	Decl. nation	Rising	Merid. Passage	Set-ting	Decl. nation	Rising	Merid. Passage	Set-ting	Decl. nation
	A. M.	A. M.	A. M.	"	A. M.	A. M.	A. M.	"	A. M.	A. M.	A. M.	"
1	14 15	30 23	2 37	N 16 18	11 45	19 23	1 56	N 17 38	21 1	4 6	10 11	N 2 12
11	13 41	19 51	2 1	N 16 44	13 9	19 18	1 35	N 17 40	21 23	3 33	9 36	N 2 10
21	13 8	18 16	1 28	N 17 8	13 13	19 20	0 46	N 17 6	20 56	3 2	9 6	N 2 56
31	12 35	16 48	0 58	N 17 29	11 54	18 3	0 10	N 17 6	20 13	2 17	8 21	N 2 45

The mean fall of rain is 7 2in

No months without rain The least falls were in 1847, 3 4in, in 1855, 3 90in. and in 1860, 1 50in.

There are equal chances that the fall will be more or less than 7 0in

There are four chances to one that the fall will not be more than 8 80in

The greatest falls in July were in 1830, 14 68in, in 1843, 12 20in and in 1864, 10 92in

The average number of days in which rain fell in July was 19 3d.

The average daily fall of rain on the days during which it rained in July was 0 38in

The mean difference for July is 1 30in

The mean temperature in the shade for July from eleven years' observations

76 66 Fahr

The monthly mean temperature varied in the eleven years between

75 08 & 77 08 "

The daily do. do do

73 40 .. 79 34 "

The highest observed temperature do

83 4 .. 85 4 "

The lowest do. do. do

69 2 .. 71 4 "

JULY

1888
1889

Day of Month.	REMARKABLE EVENTS.
F. 1	Bank of Madras opened, 1843.
S. 2	VISITATION OF B. V. MARY.
S. 3	3 Sunday after Trinity.—Treaty of Peace with China signed, 1858.
M. 4	United States' declaration of Independence, 1776.—Sir Henry Laurence died, 1857.
Tu. 5	
W. 6	Paris capitulated to the allied Powers, 1815.—Princess Victoria of Wales born, 1868.
Th. 7	
F. 8	Natives of India admitted as Jurors, 1827.
S. 9	Madras Volunteer corps formed, 1857.
S. 10	4 Sunday after Trinity.
M. 11	Armistice between France and Austria, 1859.
Tu. 12	
W. 13	Allies evacuated Crimea, 1856.
Th. 14	
F. 15	Madras Agri-Horticultural Society established, 1835.
S. 16	
S. 17	5 Sunday after Trinity.
M. 18	
Tu. 19	
W. 20	ST. MARGARET.
Th. 21	
F. 22	ST. MARY MAGDALEN.—Indian Income Tax Act passed, 1860.
S. 23	
S. 24	6 Sunday after Trinity.—Gibraltar taken by the British, 1704.—Princess Victoria of Prussia born, 1860.
M. 25	ST. JAMES APOSTLE.—Natives of India first sat on the Petit Jury, 1828.
Tu. 26	ST. ANNE.
W. 27	Manilla taken, 1762.—Cyclone at Calcutta, 1859.
Th. 28	
F. 29	First school for Native girls formed at Calcutta, 1849.
S. 30	Coal mines discovered in Pegu, 1856.
S. 31	7 Sunday after Trinity.—Upper Assam annexed to the Bengal Presidency, 1839.

1887
1888-7

AUGUST

Day of Week.	Day of Month.	Malabar date.	SUN'S		Age.	MOON'S		
			Mean Time Trevandrum.			Mean Noon.	Mean Time Trevandrum.	
			Rising.	Setting.			Rising.	Meridian Passage.	Setting.
			A m	A m	d	A m	A m	A m
Mon.	1	18	5 52	6 19	6-1	23 8	4 22	10 24
Tues.	2	19	5 53	6 19	7-1	— —	5 9	11 10
Wed.	3	20	5 53	6 19	8-1	0 1	6 0	11 59
Thur.	4	21	5 53	6 19	9-1	0 56	6 55	12 53
Fri.	5	22	5 53	6 18	10-1	1 55	7 53	13 51
Sat.	6	23	5 53	6 18	11-1	2 55	8 54	14 53
SUN.	7	24	5 53	6 18	12-1	3 55	9 55	15 56
Mon.	8	25	5 53	6 18	13-1	4 54	10 56	16 59
Tues.	9	26	5 53	6 17	14-1	5 50	11 54	18 0
Wed.	10	27	5 53	6 17	15-1	6 42	12 50	18 58
Thur.	11	28	5 53	6 17	16-1	7 33	13 43	19 55
Fri.	12	29	5 53	6 16	17-1	8 22	14 35	20 50
Sat.	13	30	5 53	6 16	18-1	9 9	15 26	21 45
SUN	14	31	5 53	6 15	19-1	9 57	16 17	22 39
Mon.	15	1	5 53	6 15	20-1	10 46	17 8	23 32
Tues.	16	2	5 53	6 15	21-1	11 35	17 59	— —
Wed.	17	3	5 53	6 14	22-1	12 25	18 50	0 25
Thur.	18	4	5 53	6 14	23-1	13 15	19 41	1 16
Fri.	19	5	5 53	6 13	24-1	14 5	20 30	2 6
Sat.	20	6	5 53	6 13	25-1	14 54	21 18	2 54
SUN.	21	7	5 53	6 12	26-1	15 43	22 3	3 39
Mon	22	8	5 53	6 12	27-1	16 29	22 48	4 23
Tues.	23	9	5 53	6 11	28-1	17 15	23 30	5 4
Wed.	24	10	5 53	6 11	29-1	18 0	—	5 44
Thur.	25	11	5 53	6 11	0-4	18 45	0 12	6 23
Fri.	26	12	5 53	6 10	1-4	19 31	0 54	7 2
Sat.	27	13	5 53	6 10	2-4	20 17	1 37	7 42
SUN.	28	14	5 53	6 9	3-4	21 5	2 21	8 24
Mon.	29	15	5 53	6 8	4-4	21 56	3 7	9 8
Tues.	30	16	5 53	6 8	5-4	22 50	3 56	9 55
Wed.	31	17	5 53	6 7	6-4	23 45	4 46	10 47

AUGUST

Phases of the Moon

	d.	h.	m.		d.	h.	m.
) First Quarter.	8	9	50.4 A.M.	☉ New Moon ...	25	1	53.2 A.M.
☾ Full Moon ...	10	2	14.8 A.M.	(Perigee ...	9	4	P.M.
(Last Quarter.	16	10	5.8 P.M.	(Apogee	22	5	"

The Planets.

☿ MERCURY.				♀ VENUS.				♂ MARS.			
Day.	Merid. Pass.	Set.	Decl.	Day.	Merid. Pass.	Set.	Decl.	Day.	Merid. Pass.	Set.	Decl.
	A. M.	A. M.	° /		A. M.	A. M.	° /		A. M.	A. M.	° /
1	16 36	23 46	5 8	N 16 57	14 45	30 27	3 9	N 20 30	12 43	19 4	1 15
11	16 43	23 46	5 7	19 46	14 51	21 4	3 17	21 13	12 39	18 51	1 3
21	17 19	23 39	5 30	16 45	15 0	21 15	3 36	20 57	12 25	18 38	0 41
31	17 26	0 3	6 5	N 10 13	15 10	21 22	3 34	N 19 46	12 11	18 24	0 27

♃ JUPITER.				♄ SATURN.				♅ URANUS.			
Day.	Merid. Pass.	Set.	Decl.	Day.	Merid. Pass.	Set.	Decl.	Day.	Merid. Pass.	Set.	Decl.
	A. M.	A. M.	° /		A. M.	A. M.	° /		A. M.	A. M.	° /
1	13 31	15 41	0 31	N 17 23	11 50	17 58	0 6	N 12 7	20 9	3 13	0 17
11	11 56	16 7	0 75	17 48	11 12	17 30	23 38	15 10	19 31	1 55	7 39
21	11 30	17 31	23 48	15 9	10 33	16 41	23 48	15 11	18 58	0 59	7 3
31	10 43	16 54	23 5	N 16 7	9 54	16 3	23 10	N 15 8	18 17	0 31	6 25

The mean fall of rain is 4.80 in.

No months without rain. The least falls were in 1847, 1.03 in., and in 1845, 1.76 in.

There are equal chances that the fall will be more or less than 3.4 in.

There are four chances to one that the fall will not exceed 5.4 in.

The greatest falls in August were in 1849, 17.64 in., in 1857, 9.77 in. and in 1853, 15.37 in.

The average number of days in which rain fell in August was 16.34.

The average daily fall of rain on the days during which it rained in August was 0.29 in.

The mean difference for August is 1.65 in.

The mean temperature in the shade for August from eleven years' observations ... 73.00 Fahr.

The monthly mean temperature varied in the eleven years between ... 75.35 & 70.25

The daily do. do. do. 73.98 73.72

The highest observed temperature do. 82.7 80.2

The lowest do. do. do. 70.0 72.2

AUGUST

Day of Month.	REMARKABLE EVENTS.
M. 1	Battle of the Nile, 1808.
Tu. 2	Goolab Singh died, 1847.
W. 3	Maratta War commenced, 1808.
Th. 4	British Troops landed in Java, 1811.
F. 5	
S. 6	TRANSFIGURATION.—Prince Alfred Duke of Edinburgh born, [1844.]
S. 7	8 Sunday after Trinity.
M. 8	
Tu. 9	Sweaborg bombarded, 1855.
W. 10	St. LAURENCE.—Scindia defeated, 1808.
Th. 11	
F. 12	Madrid taken, 1812.
S. 13	
S. 14	9 Sunday after Trinity.—Sir Colin Campbell arrived
M. 15	ASSUMPTION OF B. V. MARY. [in Calcutta, 1857.]
Tu. 16	
W. 17	Fort Malakoff taken, 1855.
Th. 18	H. H. Martanda Vurmah Rajah of Travancore died, 1860.—The Viceroy's proclamation of the assumption by Her Majesty of the title of Empress of India, 1876.
F. 19	
S. 20	
S. 21	10 Sunday after Trinity.
M. 22	Treaty of Peace with China, 1842.
Tu. 23	Government Central Museum instituted, 1851.—New Public Offices, Trevandrum, opened, 1869.
W. 24	St. BARTHOLOMEW.
Th. 25	High Court at Madras opened, 1862.
F. 26	Albert late Prince Consort born, 1819.
S. 27	Peace with China, 1842.
S. 28	11 Sunday after Trinity.—St. AUGUSTINE.—Slavery abolition Act passed, 1833.—Ceteywayo captured, 1879.
M. 29	St. JOHN THE BAPTIST BEHEADED.
Tu. 30	
W. 31	

SEPTEMBER

SEPTEMBER										1899
Day of Week.	Day of Month.	Malabar Date.	SUN'S			MOON'S				
			Mean Time Trevandrum.		Age.	Mean Time Trevandrum				
			Rising.	Setting.		Mean Noon.	Rising.	Meridian Passage.	Setting.	
			h m	h m	d	h m	h m	h m	h m	
Thur.	1	18	5 53	6 7	7.4	—	5 43	11 41		
Fri.	2	19	5 53	6 6	8.4	0 43	6 41	12 40		
Sat.	3	20	5 52	6 6	9.4	1 41	7 40	13 40		
SUN.	4	21	5 52	6 5	10.4	2 39	8 39	14 41		
Mon.	5	22	5 52	6 5	11.4	3 34	9 37	15 41		
Tues.	6	23	5 52	6 4	12.4	4 27	10 33	16 40		
Wed.	7	24	5 52	6 4	13.4	5 19	11 28	17 38		
Thur.	8	25	5 52	6 3	14.4	6 9	12 21	18 34		
Fri.	9	26	5 52	6 2	15.4	6 58	13 13	19 30		
Sat.	10	27	5 52	6 2	16.4	7 47	14 5	20 26		
SUN.	11	28	5 52	6 1	17.4	8 36	14 58	21 21		
Mon.	12	29	5 51	6 1	18.4	9 27	15 51	22 15		
Tues.	13	30	5 51	6 0	19.4	10 18	16 43	23 9		
Wed.	14	31	5 51	6 0	20.4	11 9	17 35.	—	—	
Thur.	15	1	5 51	5 59	21.4	12 0	18 25	0 0		
Fri.	16	2	5 51	5 58	22.4	12 50	19 13	0 49		
Sat.	17	3	5 51	5 58	23.4	13 38	20 0	1 36		
SUN.	18	4	5 51	5 57	24.4	14 25	20 45	2 20		
Mon.	19	5	5 51	5 57	25.4	15 12	21 28	3 2		
Tues.	20	6	5 51	5 56	26.4	15 57	22 10	3 42		
Wed.	21	7	5 50	5 55	27.4	16 42	22 52	4 22		
Thur.	22	8	5 50	5 55	28.4	17 28	23 35	5 1		
Fri.	23	9	5 50	5 54	29.4	18 14	—	5 42		
Sat.	24	10	5 50	5 54	0.8	19 3	0 19	6 23		
SUN.	25	11	5 50	5 53	1.8	19 53	1 5	7 7		
Mon.	26	12	5 50	5 53	2.8	20 46	1 54	7 54		
Tues.	27	13	5 50	5 52	3.8	21 41	2 45	8 44		
Wed.	28	14	5 50	5 52	4.8	22 38	3 39	9 37		
Thur.	29	15	5 50	5 51	5.8	23 34	4 35	10 34		
Fri.	30	16	5 50	5 51	6.8	—	5 33	11 32		
...	



SEPTEMBER

Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☾ First Quarter.	1	7	10.1 P.M.	☉ New Moon....	23	5	2.5 P.M.
☾ Full Moon ...	8	9	47.4 A.M.	☾ Perigee.....	7	1	A.M.
☾ Last Quarter.	15	1	9.4 P.M.	☾ Apogee.....	19	5	A.M.

The Planets.

♿ MERCURY.				♀ VENUS.				♂ MARS.			
Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "
1 10 0	0 0	8 10	N 9 23	15 10	21 23	3 34	N 10 30	12 0	18 23	0 37	N 23 18
11 10 32	0 25	6 24	1 39	15 21	21 37	3 41	17 23	11 53	18 7	0 31	23 54
21 10 55	0 51	6 47	5 52	15 31	21 50	3 47	14 55	11 37	17 51	0 5	23 17
30 10 13	1 5	6 57	11 55	15 40	21 46	3 53	N 11 7	11 30	17 34	23 46	N 20 30

♃ JUPITER.				♄ SATURN.				♅ URANUS.			
Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "
1 10 30	16 50	23 1	N 10 5	9 50	15 50	23 0	N 13 7	10 14	9 10	0 23	N 7 3
11 10 1	16 15	22 23	10 10	9 10	15 17	31 24	13 3	17 23	23 37	5 41	0 47
21 9 31	16 25	21 43	10 0	8 30	14 57	26 44	13 53	16 05	22 1	5 4	0 33
30 8 43	14 55	21 7	N 10 3	7 52	13 50	20 0	N 13 43	16 20	22 23	4 50	N 0 19

The mean fall of rain is 3.86in.

No months without rain. The least falls were in 1847, 0.20in., in 1851, 0.64in. and in 1883, 0.23in.

There are equal chances that the fall will be more or less than 3.6in.

There are four chances to one that the fall will not exceed 6.2in.

The greatest falls in September were in 1841, 11.05in., in 1843, 7.7in and in 1863, 9.55in.

The average number of days in which rain fell in September was 11.5d.

The average daily fall of rain on the days during which it rained in September was 0.33in.

The mean difference for September is 2.25in.

The mean temperature in the shade for September from eleven years' observations 77.02 Fahr.

The monthly mean temperature varied in the eleven years between. 76.41 & 77.71 "

The daily do. do. do. 73.42 .. 78.80 "

The highest observed temperature do. 82.7 .. 87.2 "

The lowest do. do. do. 70.3 .. 73.2 "

SEPTEMBER

1888
1889

Day of Month	REMARKABLE EVENTS.
Th. 1	Government of India transferred to the Crown, 1858.
F. 2	Battle of Sedan, Emperor Napoleon and his army surrendered, 1870.
S. 3	Sir Louis Cavignari and other members of the British Embassy slaughtered in Cabul, 1879.
S. 4	12 Sunday after Trinity.—Two shocks of an Earthquake at Trevandrum and in South Travancore (1 A. M.) 1867.
M. 5	
Tu. 6	Revolution in France and Republic proclaimed, 1870.
W. 7	Emperor of Russia crowned, 1856
Th. 8	NATIVITY OF B. V. MARY.
F. 9	Native army of Bengal reorganised, 1859.
S. 10	
S. 11	13 Sunday after Trinity.—Mr. Conolly, Collector of Malabar assassinated, 1855.
M. 12	
Tu. 13	Empress Eugenie arrived at Hastings, 1870.
W. 14	HOLY CROSS A. D., 335.
Th. 15	The Indian Press freed 1835.
F. 16	Duke of Wellington died, 1852.
S. 17	Opening of Mont Cenis Tunnel, 1871.
S. 18	14 Sunday after Trinity.—Nynee Tal landship, and many lives lost, 1880.
M. 19	Earthquake at Trevandrum, 1841.
Tu. 20	Delhi retaken, 1857.—Chief Justice Norman assassinated in Calcutta, 1871.
W. 21	St. MATTHEW.
Th. 22	Battle of Assaye, 1803.
F. 23	
S. 24	
S. 25	15 Sunday after Trinity.—Lucknow captured, 1857.
M. 26	St. SYRIL.—General Neil killed, 1857.
Tu. 27	
W. 28	Comet visible at Madras, 1858.
Th. 29	St. MICHAEL.—MICHAELMAS-DAY.
F. 30	St. JEROME.—Foundation Stone of His Highness the Maha Rajah's College, Trevandrum, laid, 1860.

OCTOBER

Day of Week.	Day of Month.	Malabar date.	SUN'S		Age.	MOON'S			
			Mean Time Trevandrum.			Mean Noon.	Mean Time Trevandrum.		
			Rising.	Setting.			Rising.	Meridian Passage.	Setting.
			A m	A m	d	A m	h m	A m	
Sat.	1	17	5 49	5 50	7.8	0 31	6 30	12 31	
SUN.	2	18	5 49	5 49	8.8	1 25	7 26	13 29	
Mon.	3	10	5 49	5 49	9.8	2 17	8 21	14 27	
Tues.	4	20	5 49	5 48	10.8	3 8	9 15	15 23	
Wed.	5	21	5 49	5 48	11.8	3 57	10 7	16 19	
Thur.	6	22	5 49	5 47	12.8	4 45	10 59	17 14	
Fri.	7	23	5 49	5 47	13.8	5 34	11 51	18 10	
Sat.	8	24	5 49	5 46	14.8	6 24	12 44	19 6	
SUN.	9	25	5 49	5 46	15.8	7 14	13 37	20 2	
Mon.	10	26	5 49	5 45	16.8	8 6	14 31	20 57	
Tues.	11	27	5 49	5 45	17.8	8 58	15 24	21 50	
Wed.	12	28	5 49	5 44	18.8	9 51	16 16	22 41	
Thur.	13	29	5 49	5 44	19.8	10 42	17 6	23 29	
Fri.	14	30	5 49	5 43	20.8	11 31	17 54	—	
Sat.	15	31	5 49	5 43	21.8	12 19	18 39	0 15	
SUN.	16	1	5 49	5 42	22.8	13 6	19 23	0 58	
Mon.	17	2	5 49	5 42	23.8	13 52	20 6	1 39	
Tues.	18	3	5 49	5 42	24.8	14 37	20 48	2 18	
Wed.	19	4	5 49	5 41	25.8	15 22	21 30	2 58	
Thur.	20	5	5 49	5 41	26.8	16 8	22 13	3 38	
Fri.	21	6	5 49	5 40	27.8	16 56	23 0	4 18	
Sat.	22	7	5 49	5 40	28.8	17 47	23 48	5 2	
SUN.	23	8	5 49	5 40	0.2	18 40	—	5 49	
Mon.	24	9	5 49	5 39	1.2	19 33	0 40	6 39	
Tues.	25	10	5 49	5 39	2.2	20 32	1 34	7 32	
Wed.	26	11	5 49	5 39	3.2	21 30	2 30	8 29	
Thur.	27	12	5 49	5 38	4.2	22 26	3 28	9 27	
Fri.	28	13	5 50	5 38	5.2	23 21	4 26	10 26	
Sat.	29	14	5 50	5 38	6.2	—	5 22	11 24	
SUN.	30	15	5 50	5 38	7.2	0 13	6 17	12 21	
Mon.	31	16	5 50	5 37	8.2	1 3	7 8	13 18	

OCTOBER

Phases of the Moon.

	d.	h.	m.		d.	h.	m.
) First Quarter.	1	2	56.2 A.M.	) First Quarter.	30	9	55.1 A.M.
☾ Full Moon ...	7	7	7.0 P.M.	(Perigee	5	3	"
(Last Quarter.	15	7	34.0 A.M.	(Apogee	16	10	P.M.
● New Moon ...	23	7	39.1 "	(Perigee	31	11	"

The Planets.

♿ MERCURY.				♀ VENUS.				♂ MARS.			
Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
h. m.	h. m.	h. m.	° '	h. m.	h. m.	h. m.	° '	h. m.	h. m.	h. m.	° '
1 19 14	1 5	8 58	8 12 32	15 41	31 47	3 53	N 10 43	11 18	17 39	23 46	N 23 31
11 19 36	1 15	7 4	17 52	15 50	31 57	3 56	8 29	10 57	17 11	23 29	23 29
21 19 38	1 14	7 6	31 13	15 58	31 59	4 0	N 1 53	10 51	16 48	23 1	23 43
31 18 56	9 43	0 30	8 20 56	16 7	23 8	4 3	S 2 52	10 3	16 18	22 53	N 23 31

♃ JUPITER.				♄ SATURN.				♅ URANUS.			
Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
h. m.	h. m.	h. m.	° '	h. m.	h. m.	h. m.	° '	h. m.	h. m.	h. m.	° '
1 5 40	14 51	21 2	N 18 2	7 48	13 58	20 2	N 12 41	16 16	22 19	4 52	N 6 18
11 7 55	14 9	30 29	17 51	7 7	13 14	19 31	13 30	15 43	21 46	3 40	6 5
21 7 16	13 36	19 56	17 36	6 24	12 31	18 36	12 13	14 8	21 8	3 11	6 53
31 6 32	12 42	18 53	N 17 19	5 42	11 49	17 56	N 11 59	14 28	20 21	2 54	N 5 42

The mean fall of rain is 10.97 in.

No months without rain. The least falls were in 1842, 5.49 in., in 1855, 4.30 in., in 1861, 2.48 in. and in 1863, 5.31 in.

There are equal chances that the fall will be more or less than 10.8 in.

There are four chances to one that the fall will not exceed 15 in.

The greatest falls in October were in 1850, 21.70 in., and in 1841, 18.68 in.

The average number of days in which rain fell in October was 15.7 d.

The average daily fall of rain on the days during which it rained in October was 0.69 in.

The mean difference for October is 4.17 in.

The mean temperature in the shade for October from eleven years' observations 75.90 Fahr.

The monthly mean temperature varied in the eleven years between 75.81 & 77.45 "

The daily do. do. do. 73.90 .. 80.24 "

The highest observed temperature do. 85.7 .. 86.7 "

The lowest do. do. do. 60.2 .. 71.7 "

OCTOBER

Day of Month	REMARKABLE EVENTS.
S. 1	General Callen died, 1862.—Presentation of a Banner to His Highness the Maha Rajah from Her Majesty Queen Victoria, Empress of India, 1877.
S. 2	16 Sunday after Trinity
M. 3	
Tu. 4	
W. 5	Violent Cyclone at Calcutta, 1864.
Th. 6	Her Highness the Ranees of Travancore died, 1857.—Bishop Cotton, Metropolitan of India drowned, 1866.
F. 7	Nabob of the Carnatic died, 1855
S. 8	Flood in the Ganges and Fifty thousand lives lost, 1884.
S. 9	17 Sunday after Trinity. — ST. DENYS.—Prome taken, 1852.
M. 10	
Tu. 11	Conclusion of the Affghan War. 1842.—His Royal Highness the Prince of Wales left England on his Indian [Tour, 1875.
W. 12	America discovered, 1492
Th. 13	
F. 14	First appearance of Cholera at Madras, 1818.
S. 15	
S. 16	18 Sunday after Trinity.
M. 17	First Protestant Chapel opened in China, 1842.
Tu. 18	ST. LUKE.—St. Cloud burnt, 1870.
W. 19	
Th. 20	Cochin taken, 1795.
F. 21	Victory of Trafalgar and death of Lord Nelson, 1805.
S. 22	
S. 23	19 Sunday after Trinity.—Munro's statue erected at Madras 1840.
M. 24	Battle of Balaklava, 1854
Tu. 25	ST. CHRISPIEN.
W. 26	
Th. 27	Terrific gale in the Bay of Bengal, 1851.—Mets capitulated, 1870.
F. 28	ST. SIMON AND ST. JUDE.
S. 29	Rajah of Tanjore died, 1855.
S. 30	20 Sunday after Trinity.
M. 31	

NOVEMBER

Day of Week.	Day of Month.	Malabar date.	SUN'S		MOON'S				
			Mean Time Trevandrum.		Age.	Mean Time Trevandrum.			
			Rising.	Setting.		Mean Noon	Rising.	Meridian Passage.	Setting.
			h m	h m	d	h m	h m	h m	
Tues.	1	17	5 50	5 37	9.2	1 51	7 59	14 9	
Wed.	2	18	5 50	5 37	10.2	2 38	8 50	15 3	
Thur.	3	19	5 51	5 37	11.2	3 25	9 40	15 57	
Fri.	4	20	5 51	5 37	12.2	4 13	10 32	16 52	
Sat.	5	21	5 51	5 36	13.2	5 3	11 24	17 47	
SUN.	6	22	5 51	5 36	14.2	5 54	12 18	18 43	
Mon.	7	23	5 52	5 36	15.2	6 46	13 12	19 38	
Tues.	8	24	5 52	5 36	16.2	7 39	14 5	20 35	
Wed.	9	25	5 52	5 36	17.2	8 31	14 57	21 21	
Thur.	10	26	5 52	5 36	18.2	9 22	15 46	22 8	
Fri.	11	27	5 53	5 36	19.2	10 12	16 33	22 52	
Sat.	12	28	5 53	5 36	20.2	10 59	17 17	23 34	
SUN	13	29	5 53	5 36	21.2	11 45	18 0	—	
Mon	14	30	5 54	5 36	22.2	12 30	18 42	0 14	
Tues.	15	1	5 54	5 36	23.2	13 15	19 24	0 53	
Wed.	16	2	5 54	5 36	24.2	14 0	20 7	1 32	
Thur.	17	3	5 55	5 36	25.2	14 47	20 51	2 13	
Fri.	18	4	5 55	5 36	26.2	15 36	21 38	2 55	
Sat.	19	5	5 55	5 36	27.2	16 28	22 29	3 40	
SUN.	20	6	5 56	5 36	28.2	17 23	23 23	4 20	
Mon.	21	7	5 56	5 36	29.2	18 21	—	5 22	
Tues.	22	8	5 56	5 36	0.6	19 20	0 20	6 19	
Wed.	23	9	5 57	5 36	1.6	20 19	1 19	7 13	
Thur.	24	10	5 57	5 36	2.6	21 16	2 18	8 18	
Fri.	25	11	5 58	5 36	3.6	22 9	3 16	9 18	
Sat.	26	12	5 58	5 37	4.6	23 0	4 12	10 10	
SUN.	27	13	5 59	5 37	5.6	23 40	5 5	11 11	
Mon.	28	14	5 59	5 37	6.3	—	5 56	12 5	
Tues.	29	15	6 0	5 37	7.6	0 36	6 46	12 58	
Wed.	30	16	6 0	5 37	8.6	1 22	7 38	13 51	

1894
2487

NOVEMBER

Phases of the Moon

	d.	h.	m.		d.	h.	m.
☉ Full Moon ..	6	7	10-9 A.M.	☾ First Quarter.	28	5	9-8 P.M.
☾ Last Quarter.	14	4	9-1 A.M.	☾ Apogee.....	13	7	"
● New Moon ..	21	9	29-2 P.M.	☾ Perigee	25	8	"

The Planets

Date.	♿ MERCURY.				♀ VENUS.				♂ MARS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	18 50	0 37	8 24	8 30 25	16 6	22 8	4 4	8 2 21	10 6	16 15	22 30	N 23 52
11	17 18	23 0	8 6	14 25	16 18	22 13	4 8	8 4	9 27	15 42	21 57	24 8
21	16 38	22 36	4 22	12 27	16 28	22 21	4 13	12 51	14 45	15 4	21 19	24 24
30	16 44	22 36	4 24	8 16 41	16 30	22 28	4 19	8 16 6	8 8	14 24	20 40	N 25 7

Date.	♃ JUPITER.				♄ SATURN.				♅ URANUS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	6 27	13 37	18 47	N 17 17	8 38	11 48	17 52	N 11 56	14 34	20 27	2 30	N 8 41
11	8 43	11 53	18 2	16 56	4 56	11 2	17 9	11 42	13 46	19 49	1 52	8 32
21	4 56	11 8	17 18	16 37	4 74	10 36	16 26	11 28	13 8	19 11	1 14	8 26
30	4 18	10 28	16 38	N 16 18	5 37	9 43	15 48	N 11 18	12 34	18 37	0 40	N 8 19

The mean fall of rain is 6.72in.

No months without rain. The least falls were in 1860, 0.62in., in 1863, 0.72in. and in 1848, 1.69in.

There are equal chances that the fall will be more or less than 6.7in.

There are four chances to one that the fall will not exceed 8.7in.

The greatest falls in November were in 1851, 15.11in., and in 1847, 13.56in.

The average number of days in which rain fell in November was 12.1d.

The average daily fall of rain on the days during which it rained in November was 0.5in.

The mean difference for November is 2.64in.

The mean temperature in the shade for November from eleven years' observations 78.86 Fahr.

The monthly mean temperature varied in the eleven years between 76.29 & 78.06 "

The daily do. do. do. 73.57 " 79.72 "

The highest observed temperature do. 84.5 " 86.5 "

The lowest do. do. do. 65.8 " 70.7 "

NOVEMBER

1881

Day of Month.	REMARKABLE EVENTS.
Tu. 1	ALL SAINTS.—Cyclone at Masulipatam, 1864.
W. 2	ALL SOULS.—Insurrection at Cabul, 1841.
Th. 3	His Highness the Maha Rajah and Suite left Trevandrum on a tour to Bombay, Benares, &c., 1872.
F. 4	
S. 5	Battle of Inkerman, 1854.—His Grace the Duke of Buckingham & Chandos arrived at Trevandrum, 1880.
S. 6	21 Sunday after Trinity.—St. LEONARD.
M. 7	Battle of Prague, 1830.
Tu. 8	His Royal Highness the Prince of Wales arrived at Bombay, 1875.
W. 9	Albert Edward, Prince of Wales born, 1841 —1st Public Durbar held in the New Durbar Hall, 1866.
Th. 10	
F. 11	St. MARTIN.—Treaty with the Nizam, 1766.
S. 12	
S. 13	22 Sunday after Trinity.
M. 14	
Tu. 15	Christ Church at Trevandrum consecrated, 1859.
W. 16	Garrison at Lucknow relieved, 1857.
Th. 17	Opening of the Suez Canal, 1869.
F. 18	
S. 19	City of Poona taken, 1817.
S. 20	23 Sunday after Trinity.—Earl Canning, First Viceroy of India died, 1863.
M. 21	Princess Royal born, 1840.—Second war with Cabul, 1878.
Tu. 22	
W. 23	St. CLEMENT.—Duke of Buckingham and Chandos took his seat as Governor of Madras, 1875.
Th. 24	
F. 25	St. CATHERINE.
S. 26	Nagpore taken, 1817.—Marshall Soult died, 1851.
S. 27	Advent Sunday.—Queen's letter presented to the Maha Rajah of Travancore, 1861.
M. 28	Gwalior contingent continued, 1857.
Tu. 29	Maharattas beaten at Maharajpore, 1843.—H. H. the Maha Rajah's last visit to Madras, 1878.
W. 30	St. ANDREW.—Lord Harris arrived at Trevandrum, 1858. His Highness the Maha Rajah left Trevandrum on His Highness' 3rd visit to Calcutta, 1875.

1895
1896

DECEMBER

Day of Week.	Day of Month.	Malabar Date.	SUN'S		Age.	MOON'S			
			Mean Time Trevandrum.			Mean Noon.	Mean Time Trevandrum		
			Rising.	Setting.			Rising.	Meridian Passage.	Setting.
			h m	h m	d	h m	h m	h m	
Thur.	1	17	6 1	5 38	9-6	2 8	8 25	14 44	
Fri.	2	18	6 1	5 38	10-6	2 56	9 16	15 37	
Sat.	3	19	6 2	5 39	11-6	3 45	10 8	16 33	
SUN.	4	20	6 2	5 39	12-6	4 36	11 1	17 27	
Mon.	5	21	6 3	5 39	13-6	5 29	11 55	18 20	
Tues.	6	22	6 3	5 40	14-6	6 21	12 47	19 12	
Wed.	7	23	6 4	5 40	15-6	7 13	13 37	20 0	
Thur.	8	24	6 4	5 40	16-6	8 3	14 25	20 46	
Fri.	9	25	6 5	5 41	17-6	8 52	15 11	21 39	
Sat.	10	26	6 5	5 41	18-6	9 38	15 55	22 10	
SUN.	11	27	6 6	5 42	19-6	10 23	16 37	22 49	
Mon.	12	28	6 6	5 42	20-6	11 8	17 19	23 28	
Tues.	13	29	6 7	5 42	21-6	11 53	18 0	—	
Wed.	14	1	6 7	5 43	22-6	12 38	18 43	0 7	
Thur.	15	2	6 8	5 43	23-6	13 25	19 28	0 47	
Fri.	16	3	6 8	5 44	24-6	14 15	20 16	1 30	
Sat.	17	4	6 9	5 44	25-6	15 8	21 8	2 17	
SUN.	18	5	6 9	5 45	26-6	16 4	22 3	3 7	
Mon.	19	6	6 10	5 45	27-6	17 3	23 2	4 2	
Tues.	20	7	6 10	5 46	28-6	18 3	—	5 1	
Wed.	21	8	6 11	5 46	0-1	19 3	0 3	6 2	
Thur.	22	9	6 11	5 47	1-1	20 0	1 3	7 4	
Fri.	23	10	6 12	5 47	2-1	20 54	2 2	8 5	
Sat.	24	11	6 12	5 48	3-1	21 45	2 58	9 4	
SUN.	25	12	6 13	5 48	4-1	22 33	3 52	10 0	
Mon.	26	13	6 13	5 49	5-1	23 20	4 43	10 55	
Tues.	27	14	6 14	5 49	6-1	—	5 33	11 48	
Wed.	28	15	6 14	5 50	7-1	0 7	6 23	12 41	
Thur.	29	16	6 15	5 50	8-1	0 54	7 13	13 34	
Fri.	30	17	6 15	5 51	9-1	1 42	8 4	14 27	
Sat.	31	18	6 15	5 51	10-1	2 32	8 56	15 21	

DECEMBER

1888

Phases of the Moon

	d.	h.	m.		d.	h.	m.
☾ Full Moon ..	5	10	21.6 P.M.	☾ First Quarter.	28	1	49.5 A.M.
☾ Last Quarter.	14	1	12.7 A.M.	☾ Apogee	11	3	P.M.
● New Moon ...	21	10	15.0 "	☾ Perigee	23	10	A.M.

The Planets

Date.	♿ MERCURY.				♀ VENUS.				♂ MARS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	A. M.	A. M.	A. M.	° /	A. M.	A. M.	A. M.	° /	A. M.	A. M.	A. M.	° /
1	18 45	22 28	4 28	S 16 9	16 43	22 21	4 20	S 16 38	8 3	14 19	30 35	N 25 12
17	17 8	22 55	4 42	S 20 31	16 55	22 43	4 29	S 19 42	7 12	13 26	19 44	N 26 55
21	17 36	22 20	8 5	S 23 27	17 10	22 46	4 43	S 23 3	6 17	12 34	19 51	N 26 55
31	16 8	23 49	8 33	S 24 47	17 26	23 11	4 56	S 25 17	5 10	11 26	17 53	N 27 0

Date.	♃ JUPITER.				♄ SATURN.				♅ URANUS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	A. M.	A. M.	A. M.	° /	A. M.	A. M.	A. M.	° /	A. M.	A. M.	A. M.	° /
1	4 14	10 24	16 31	N 16 17	3 32	9 38	15 44	N 11 17	12 20	18 35	0 36	N 5 16
11	3 31	9 40	15 49	N 16 3	2 51	8 57	15 3	N 11 9	11 43	17 55	23 58	S 15
21	2 46	8 57	15 6	N 15 56	2 10	8 16	14 23	N 11 4	11 12	17 15	23 16	S 14
31	2 7	8 16	14 38	N 15 44	1 29	7 26	13 43	N 12 2	10 23	16 36	22 39	N 15

The mean fall of rain is 2.51 in.

No rain fell in December 1853, and 1861 and 0.004 in. in 1840.

There are equal chances that the fall will be more or less than 1.5 in.

There are four chances to one that the fall will not exceed 2.5 in.

The greatest falls in December were in 1843, 12.96 in., and in 1847, 16.96 in.

The average number of days in which rain fell in December was 5.12.

The average daily fall of rain on the days during which it rained in December was 0.49 in.

The mean difference for December is 2.00 in.

The mean temperature in the shade for December from eleven years' observations 78.15 Fahr.

The monthly mean temperature varied in the eleven years between... ..

The daily	do.	do.	do.	75.01	78.84	"
The highest observed temperature	do.	do.	do.	79.25	79.25	"
The lowest	do.	do.	do.	54.5	57.3	"
				69.9	69.9	"

1882
1887

DECEMBER

Day of Month	REMARKABLE EVENTS.
Th. 1	Yacob Khan sent to India, 1879.
F. 2	
S. 3	
S. 4	2 Sunday in Advent.—Abolition of Suttee, 1829.
M. 5	
Tu. 6	Madras Court of Small Causes established, 1850.
W. 7	Battle of Rungoon, 1824.
Th. 8	CONCEPTION OF B. V. MARY.—Foundation Stone for the Public Offices at Trevandrum laid by His Highness the Maha Rajah, 1865.
F. 9	Mauritius taken, 1810.
S. 10	King of Prussia accepted Title of Emperor of Germany, [1870.]
N. 11	3 Sunday in Advent.—Annexation of Nagpore, 1858.
M. 12	
Tu. 13	Foundation Stone of Christ Church at Trevandrum laid, [1858.]
W. 14	Albert Prince Consort died, 1861.—Princess alicie died, [1878.]
Th. 15	His Highness the Maha Rajah and Suit returned from Bombay and Benares, 1872.
F. 16	Battle of Nagpore, 1817.
S. 17	Karamanay Bridge opened, 1858.
S. 18	4 Sunday in Advent.—Battle of Moodkee, 1845.
M. 19	Lord Dalhousie died, 1860.
Tu. 20	Annexation of Pegu, 1852.
W. 21	St. THOMAS.—Battle of Mahidpore, 1817.
Th. 22	Battle of Ferossahahur, 1845.
F. 23	Sir William McNaghten assassinated, 1841.
S. 24	Peace between England and the United States, 1814.
S. 25	Christmas-Day.
M. 26	St. STEPHEN.
Tu. 27	St. JOHN THE EVANGELIST.
W. 28	INNOCENT-DAY.—The Tay Bridge disaster & loss of many lives, 1879.
Th. 29	Battle of Maharajpore and Punnar, 1843.
F. 30	
S. 31	St. SYLVESTER.—The first Charter granted to the late E. I. Company, 1600.—Prince Alfonso proclaimed King of Spain, 1874.

MEMORANDA.

January.

February.

March.

April

May

June

July.

August.

September.

October.

November.

December.

METEOROLOGICAL TABLES, containing the mean results of Observations for the Atmospheric Pressure, Temperatures of the Air and Evaporation, Relative Humidity, Clouds, &c., from Observations made at the Trecandrum Observatory between the years 1853 and 1864, under the direction of JOHN ALLAN BROWN, Esq., F. R. S.

TABLE I. *Atmospheric Pressure.* Height of the Bar. Cistern 197 feet above the level of the sea.
Mercury at 32°. Brass at 62° Fah.*

MONTHS.	Mean Pressure.	Mean of the		Range.	Mean of the		Range.	Mean of the		Range.
		Highest	Lowest		Highest	Lowest		Highest	Lowest	
		Daily Means			Hourly Means.			Observation.		
	Inch.	Inch.	Inch.	Inch	Inch.	Inch.	Inch	Inch.	Inch.	Inch.
January ..	29.730	29.801	29.657	.144	29.785	29.666	.122	29.670	29.585	.085
February..	.719	.781	.661	.120	.784	.649	.135	.818	.584	.234
March ..	.688	.733	.604	.149	.745	.622	.126	.815	.529	.286
April ..	.648	.716	.570	.146	.703	.583	.120	.779	.497	.282
May ..	.637	.705	.569	.135	.683	.581	.103	.763	.502	.261
June ..	.638	.704	.569	.135	.678	.589	.089	.754	.518	.236
July ..	.619	.708	.593	.115	.685	.599	.086	.738	.533	.205
August ..	.603	.716	.609	.109	.708	.603	.103	.767	.543	.224
September	.681	.738	.624	.112	.731	.618	.113	.796	.554	.242
October ..	.688	.763	.608	.157	.741	.627	.114	.837	.514	.323
November	.703	.767	.631	.136	.757	.643	.114	.817	.562	.255
December	.724	.773	.635	.123	.780	.602	.118	.842	.593	.249
Means ..	29.681	.745	.612	.131	.732	.620	.112	.802	.545	.257

* From 8 years' observations.

TABLE II.—*Temperature of the Air*

MONTHS.	Monthly Mean Tem- perature.	Mean of the			Mean of the			Mean of the		
		Highest	Lowest	Range.	Highest	Lowest	Range.	Highest	Lowest	Range.
		Daily Means.			Hourly Means.			Observation.		
January ..	76.44	79.25	73.90	5.35	83.88	69.37	14.51	88.00	64.86	21.74
February..	77.89	80.49	75.12	5.37	85.32	70.60	14.72	88.52	66.18	22.34
March ..	80.33	82.31	77.64	4.67	87.15	73.66	13.49	89.95	70.30	19.65
April ..	80.95	83.17	77.28	5.89	87.14	75.78	11.36	91.23	72.60	18.63
May ..	80.19	82.57	76.95	5.62	85.32	75.85	9.47	90.04	72.85	17.19
June ..	77.67	80.19	74.34	5.85	82.19	74.03	8.16	86.23	71.35	14.90
July ..	78.66	78.66	73.35	5.31	81.02	73.09	7.93	84.45	70.42	14.03
August ..	76.66	78.42	73.63	4.79	81.37	72.93	8.44	84.75	70.88	13.87
September	77.02	78.35	74.98	3.37	81.01	72.92	8.12	85.35	70.46	14.89
October ..	76.90	78.77	74.22	4.55	82.14	72.67	9.47	85.55	70.56	14.99
November	76.88	78.69	74.41	4.28	82.66	71.34	10.32	85.69	68.85	16.84
December	76.15	78.60	73.41	5.19	82.67	69.93	12.74	85.91	65.42	20.49
Means ..	77.81	79.96	74.96	5.00	83.61	72.72	10.78	87.02	69.56	17.46

* From 11 years' observations.

TABLE III.—Temperature of Evaporation* as shown by the Wet Bulb Thermometer.

MONTHS.	Monthly Mean Temp. of Wet Bulb.	Mean of the		Range.	Mean of the		Range.	Mean of the		Range.
		Highest	Lowest.		Highest	Lowest		Highest	Lowest	
		Daily Means.			Hourly Means.			Observation.		
January ..	70.34	73.99	66.21	7.78	73.09	66.53	6.56	76.87	60.74	16.13
February..	71.33	74.84	66.68	7.96	73.84	67.77	6.07	77.39	60.81	16.58
March ..	74.39	76.22	71.37	4.85	76.40	72.02	4.38	79.18	67.21	11.97
April ..	75.83	77.69	73.00	4.69	77.70	73.88	3.81	79.86	70.88	8.98
May .	76.04	77.92	73.81	4.08	77.61	71.34	6.27	80.15	71.09	9.06
June ..	74.44	76.88	73.26	3.62	76.66	72.83	3.83	78.84	69.74	9.10
July ..	73.69	75.47	71.06	4.41	75.14	72.10	3.04	77.45	68.08	9.37
August .	73.61	75.00	71.00	4.00	74.06	71.08	2.98	77.31	69.61	7.70
September	73.13	74.78	72.16	2.62	74.89	71.81	3.08	77.41	69.63	7.78
October ..	73.64	75.20	71.63	3.57	75.27	71.38	3.89	77.95	68.44	9.51
November	73.88	75.18	70.62	4.56	75.59	70.76	4.83	78.23	68.77	9.46
December	71.09	74.17	66.55	7.62	73.64	67.60	6.04	77.02	61.20	15.82
Means ..	73.42	76.67	70.73	4.84	76.43	71.11	5.32	78.13	67.10	11.03

From 11 years' observations.

TABLE II.—*Temperature of the Dew Point, Tension of Vapour, Humidity, Force and Direction of Wind, Rain Fall, Evaporation, Barometer and Sky clouded.*

[illegible]

Students' Observations

* From 11 years' observations.

James C. Thompson

THE UNIVERSITY OF CHICAGO



HIS HIGHNESS RAMA VARMA.
Second Prince of Travancore.

Son of Her Highness the Junior Rane.

[BORN 3RD DECEMBER, 1867.]

HIS HIGHNESS MARTANDA VARMA.

Third Prince of Travancore,

Son of Her Highness the Junior Rane.

[BORN 24TH NOVEMBER, 1871.]

NEPHEWS-IN-LAW OF THE MAHARAJA.

THEADA VARMA.

Valiya Coil Tampuran,

[Married to Her Highness the Senior Rane.]

KADA KADA VARMA.

Cochin Coil Tampuran.

PHYSICIAN TO HIS HIGHNESS THE MAHARAJA.

Surgeon Major J. M. Houston, (Madras Med. Est.)

GUARDIAN TO THE PRINCES.

Harold S. Ferguson.

**OFFICERS OF HIS HIGHNESS THE MAHARAJA'S
PALACE.**

P. Govinda Pillay, B.A.	...	...	Survadhi Karyakar.
Narayanan Tampi	...	...	Chellom Karyakar.
Mathavan Pillay	...	...	Sampreti.
Seshaiyan	...	...	Nitiachilavoo Karyakar.
N. Ranga Row, B.A.	...	...	Tutor to the Princes.
Syed Moonaver Rakhum Khan	...	...	Persian Moonshee.
Kasaven Tampi	...	...	} Karyakars of Bhajanapurai Establishment.
Narayana Pillay	...	...
Harihara Iyen	...	...	Sripadam Karyakar.
Venkaju Row	...	...	Stables Karyakar.



BRITISH RESIDENCY OF TRAVANCORE & COCHIN.**British Resident,****A. MACGREGOR ESQUIRE, Madras Civil Service.****Assistant Resident,****J. W. F. DUMERGUE ESQUIRE ... Madras Civil Service.****Treasury.****The Assistant ResidentIn Charge.****Padmanabha MudaliarResidency Treasurer.****Escort.****... ..Commanding.****Medical Establishment.****Surgeon Major Walter Fry ... Residency Surgeon (*on furlough to Europe.*)****Surgeon H. Plunket Esmonde White ...Acting do.****V. Parthasady Naidoo1st Class Hospital Asst.****Office.****T. SwynyManager.****A. LaRiveSenior Clerk.****E. D'LemosAccountant.****BRITISH SUBSIDIARY FORCE FOR TRAVANCORE.****Station—Quilon.****26th Regiment Native Infantry.****OFFG. COMMANDANT.****Colonel Williams.****CHAPLAIN.****The Rev. John Black, D. A.**

GOVERNMENT OF TRAVANCORE

HUZZOOR CUTCHERRY

THE HONORABLE V RAMIENGAR, C S I

DEWAN OF TRAVANCORE

T Rama Row	Dewan Peishcar
S Shungra Soobier	Do Do
C Patchappa Naicker	Do Do
N Suba Row	Do Do

English Correspondence Department

F Watts	Secretary
P Thanoo Pillay, M A	Manager

Jamabundy Department

Tharavium Pillay	Vaha Melalutu Pillay
P S Moothookarroppe Pillay	Melalutu Pillay
P K Pulpanaba Pillay	Asst Do
Subramonia Pillay	Sumprethy
Nallamoothoo Pillay	Do

Police Department

S Padmanabha Aiyer, M A	Sheristadar
-------------------------	-------------

Marahmut Department

C Colunda Valoo Mudaliar B C S	Sheristadar
G. Neelacunda Iyer	Irrigation Sheristadar, Nanjanad
K Kuruvolla, B C S	Supervisor (Temporary)

Peravaga Department

T Raja Rama Row, B A	Sheristadar
----------------------	-------------

Sircar Vakeel Department

S Padmanabha Aiyer, M A	Head Sircar Vakeel
-------------------------	--------------------

Registration Department

L. Soobramony Iyer	Huzoor Registrar
Veeraragava Iyengar	Deputy Do

Treasury

Ninadath Govinda Kymal	Treasurer
------------------------	-----------

Davasom Department

Sreenivasa Row	Acting Sheristadar
----------------	--------------------

Unjell or Sircar Post

T Anajee Row	Superintendent
--------------	----------------

Elephant Department.

Letchmanavaloo Pillay	Superintendent
-----------------------	----------------

Revenue Settlement Department.

V. Nagam Aiya, B. A. ...	...	...Députy Peishcar.
Kandimadinatha Pillay	...	.. Sumprethy.

Poakoovaravoo Department.

V. Nagam Aiya, B. A. ...	...	...In Charge.
M. Thiruvicramen Thumbay	...	...Acting Sheristadar.

Census Department.

V. Nagam Aiya, B. A.In Charge.
--------------------------	-----	---------------

Mint.

T. V. Sooba RowSuperintendent.
-----------------	-----	--------------------

DIVISION CUTCHERRIES.**OFFICERS IN CHARGE.****DIVISIONS.**

Dewan Peishcar T. Rama Row	..	Cottayam or Northern.
Do. Do. S. Shungra Soobier	...	Quilon.
Do. Do. C. Patchappa Naicker.	..	Trevandrum.
Do. Do. N. Suba Row	...	...Pulpanabapuram or Southern.

JUDICIAL DEPARTMENT.**SADE COURT OF TRAVANCORE.**

T. Chellappa Pillai, B. A. & B. L.	...	...1st Judge.
W. E. Ormsby, M. A. LL. D. Barrister-at-Law	...	...2nd Judge.
K. Kunjan Menon	...	...3rd Judge.
Ramaswami Sastrikal	...	..Pandit.
C. S. Maragatayeh Mudaliar	...	...Ag. Registrar.
N. Rama Krishna Pillai...	...	...Do. Manager.
T. Harihara Subbayan	...	...Do. Sheristadar.
S. Padmanabha Ayyar, M. A.	...	...Head Sircar Vakil.

LICENSED PLEADERS IN THE SADE COURT WHO HAVE AUTHORITY TO PLEAD IN THE ZILLA COURT.

- | | |
|--|---|
| <p>* William Sydenham Grants Barrister-at-Law
Do</p> <p>* Alfred G Gover,
* Jagannatha Row
Subramanhyya Pillai
Govinda Row
P Govindan Nambutari
Viraraghava Ayyankar
Venkatarama Ayyankar
Seetha Ayyankar
Kuppa Sastrri
G Krishna Ayyar
Nampi Ayyankar
Muttlumarasavami Pillai
Sthanu Sastrri
Subba Sastrri
Rama Row
V Arattin Pillai
Krishnachari
J G Verneede
K Padmanabha Pillai
R S Ananta Krishna Sastrri
Sundara Sastrri
Anna Sastrri
V B Ramanatha Row
Gopala Sastrri
H M Walker
Krishna Row
V Ramasvami Sastrri
Arasamuta Ayyankar Sastrri
Ramasubba Sastrri
A Krishna Sastrri alias Pichu Sastrri
Ranga Ayyankar Sastrri
Krishna Sastrri
Sivasami Sastrri
Sivarama Krishna Ayyan
N S Subramannya Ayyan
Raman Pillai
I H Prince
* G Vinsomoren, Barrister at Law
Krishna Ayyan
* S Vudyyanatha Ayyan
* S Locke, Barrister-at Law
Krishnan Kunjan
R Vein Pillai
Kunju Pillai
T E Achutan Pillai
Narayanan Kunjan
Narayana Kamal
Gopala Menon
G Rama Row
M Swaminatha Pillai
* R K. Vankasvami Row
* C Luke
C N Keshava Pillay
Sabbaramannya Ayyan
P J Ponnai
Viranampa Ayyankar Sastrri
S Muttakrishna Pillai
* S Tirumalacharnar, B A & B L
E Rama Ayyan</p> | <p>S Krishna Ayyan
* G P Savundranayagam Pillai, B. A.
Kunchu Varier [B. L.]
* Padmanabha Pillai
Subbaya Pillai
V Narasimha Row
* P L & C Langious, Barrister-at
A Gopala Subbaya Pillai [Law
E I Godfrey
F J Symonds
* Robert Wilson, Barrister-at Law
S Krishna Ayyan
R Nilakantha Ayyan, B A
* P S Narasimha Ayyan, B A & B L
* C S Ramalingam Ayyan B A & B L
* Edward William Wilkins
* Reginald Thomas
* William Morgan
* M Mathew B A & B L
V Padmanabha Ayyan
M Venkatesubba Ayyan
B Bagavathi Ayyan
S Padmanabha Pillai
Venkatasama Ayyankar
N Mulhava Ayyan
C N Joseph
T Krishna Ayyankar
V Ramasvami Ayyan
M Kirishna Ayyan
S Muttu Ayyan
S Govinda Pillai
K. Vankatarama Ayyankar
S Anantarama Sastrri
A Ramakrishna Pillai
S Muttasvami Ayyan
* Karuvila Tomman
G Lakshmana Row
Sri Bhakthavatsalachariar
K. G Kochukunju Menon
G vandan Narayan
V Narasimha Ayyan
K Appatura Ayyan, B A
* A E Paramisvaran Pillai
G Venkates Subramani Ayyar
G Govinda Pillai
Sambasiva Ayyan Subramani Ayyan
N Subramania Ayyan
S Sivarama Ayyan
M Ramasvami Sastrri
K. Ramasvami Sastrri
K Achuthan Pillai
K N Kesava Pillai
Gopala Ayyankar
Krishna Ayyankar
S Dharmaraja Ayyan
* V Mathan
V Srinivasachariar
Sama Ayyan Svami Ayyan
M Venkotasaramana Ayyan
Vijayaraghavachariar Sastrri [Law.
* Patrick Dunlop Shaw, Barrister-at-</p> |
|--|---|

DISTRICT OR ZILLA CIVIL COURTS.

TREVANDRUM.

R. Reghunatha Row, B. A. ...	...	.. 1st Judge.
C. Singaravelu Mudaliar ...	...	...2nd Judge.
T. F. Lloyd ...	...	...3rd Judge.
R. Nilakantha Ayyar, B. A. ...	...	...Sirkar Vakil.

Licensed Pleaders.

Ananterama Ayyan
Padmanabha Ayyan
Reghunatha Row
Ramaswami Ayyan
Ayyappan Pillai
Kumara Pillai
S. Padmanabha Pillai
Venkateshchalam Ayyan
Raman Pillai
V. Padmanabha Ayyan
S. Padmanabha Pillai
Narasimha Ayyan
S. Sankaranarayana Ayyan
Govinda Pillai
L. Gopala Ayyan
J. Rengachariar
Raman Menon
Venkatesu Pillai
T. Arathan Pillai
Anandakrishna Ayyan
V. Sanku Pillai
Alakira Ayyankar
K. Padmanabha Pillai

A. Anandarama Ayyan
Padmanabha Ayyan
Nilakanthan Tamman
V. Lakshmana Sastrial
Sesha Ayyan Narayana Ayyan
Venkatasura Ayyan
J. Lakshmana Ayyan
N. Sankara Narayana Ayyan
Krishna Ayyankar Sastrial
A. Kumara Pillai
S. Venkata Row
P. Subu Ayyan
M. Madhavan Tambi
K. Sedarasa Ayyan
Narayanan Parameswaran
V. Krishna Ayyan
Subbu Ayyan
K. Krishna Pillai
Sankara Subbayyar
Venkatasura Ayyan
P. Sivarama Ayyan
Narayana Menon
Nilakanthan Parameswaran

PADMANABHAPURAM.

G. S. Arianayagam Pillai, B. A. & B. L.	...	...1st Judge.
V. Venkatta Row	...	...2nd Judge.
K. Krishna Pillai	...	...Additional Judge.
M. Ramen Pillai	...	...Sirkar Vakil.

Licensed Pleaders.

Raman Pillai
V. Krishna Ayyan
Udayamutu Ayyan
T. Nilakantha Pillai
Devaraja Ayyan
Ramasubramanya Ayyan
R. Krishna Ayyan
Tann Ayyan
N. Padmanaba Ayyan
S. Narayana Pillai
Arumachalam Ayyan
Sattiyavagesavara Ayyan
Sankarasubramanya
Ayyan

Sundra Ayyankar
Senapati Ayyan
Venkatakrishna Ayyan
Sesapati Pillai
Samu Ayyan
S. Subramani Ayyan
N. Sesha Ayyan
Tann Ayyan
K. Subramania Ayyan
Bathalingam Ayyan
Sattamatha Ayyan
Pugabamperumal Pillai
Srinivas Ayyankar
Subramania Pillai

M. Subramania Ayyan
N. Sankaralingam Pillai
Regupati Ayyan
K. Kumara Pillai
R. Sankarasabba Ayyan
Ayyan Pillai
Tannabba Ayyan
Kosava Pillai
Anandanarayana Sastrial
Alvar Ayyankar
Andi Sastrial

QUILON.

O G Gressaux	. 1st Judge
A Govinda Pillai, B A & B L.	...2nd Judge
O Nilakanta Pillai ..	3rd Judge
M Chokalingom Pillai B A	Additional Judge
M Mathew B A & B L	Sirkar Vakil

Licensed Pleaders

Narayana Ayyan	Itiradisha Kuruppa	Anandarama Ayyan
Krishnan Pantala	Aramoota Chariar	Paramisvara Ayyan
Nilakantha Pillai	O N Kesava Pillai	Narayana Pillai
Minakahisubbayam	R. Venketarama Ayyan	K Ram n Pillai
T Krishna Sastri	S Venketarama Ayyan	Kanaku Narayanan
S Govinden Pantala	Srinivasa Ayyankar Sastri	S Venketarama Ayyan
Genapathi Ayyan	N Saharanama Ayyan	Velayudan Narayana
Sesha Ayyan	Ramanatha Ayyan	Kuruvelu Baman Pillai
Nagori Row	Kuppa Ayyan	S Anandanarayana Ayyan
Gopala Sastrial	K N Kesava Pillai	T Chidambra Sastri
Thruvenkatatiri Ayyankar	N G Padmanabha Pillai	Kesavan Paramisvaran
Subbayyan	A Srinivasa Ayyankar	V Venketasura Ayyan
Kesava Pillai of Trovan	Sastri	R Narayana Ayyan
drum	A Subramania Sastri	Paravur Kesava Pillai
Andi Pillai	Venkedasura Ayyan	
G Kesava Pillai	S Mahanarama Ayyan	
Govinda Kamaal	R Venketarama Ayyankar	

ALLEPPEY

M K Padmanabha Pillai, B A.	1st Judge
T Lafrenais	2nd Judge
Raman Monon	3rd Judge
T C Krishna Menone B A & B L	Additional Judge
Sundra Ayyan	Sirkar Vakil

Licensed Pleaders

Senkaranarayana ayyan	Nilakantha pillai of Val	C Nilakantha pillai
Gopala pillai	Velu Pillai [kam]	T R Govinda pillai
Nana pillai	Cosby	Kumaran Velayudan
Janardanapillapalli	Kochukunyu pillai	Venketarama ayyan
Senkaranarayana ayyan	K. Velu Pillai	K Krishna Sastrial
S Ramaswami ayyan	Ayyakutti ayyan	K. Ramaswami ayyan
Annaasami ayan	K Ponnai ayyan	R Krishna ayyan
Vinayaghuva ayyan	Palpa ayyan	N Narayana rotti
Krishna varier	E Narayana monon	Nilakanthan Chakkier
S Sivanimesha Sastri	A R Subramana ayyan	Arunachalam ayyan
Sundra ayyan	A Surinarkayana ayyan	R Sundram ayyan
J Krishna ayyan	B Nilakantha pillai	P Padmanabha pillai
Srinivasa ayyankar	Kochukrishna pillai	Krishna Me on
Narayana monon	Venketarama ayyankar	Senkara Sabba ayyan
Padmanabha ayyan	R Venketarama ayyan	Nilakanthan
Sesha Ayyankar kuppa	S Srinivasachariar	Krishnan
ayyankar	Venketasura ayyan	Auppu ayyan
Krishna ayyan	Krishna podaval	Kalappa monon

PARAVUR.

T. R. Narayana Pillai ...	Acting Judge
O Martanda Pillai	Sirhar Vakil

Accused Pleaders

Syed Badooddeen	Annattura Sastri	Sankaran Nambar
Krishna Menon	Rama Ayyan	Kumara Pillai
Velu Pillay	Sami Ayyan	Achuta Menon
Govinda Kuruppu	Krishna Ayyan	Kazunakara Menon
Pichu Ayyan	Manu Ayyan	Nilakantha Pillai
Govinda Pillai	Krishnan Namburi	Kosava Pillai

MUNSIFF COURTS

Vadaseri .	Siva-subbramannyya Pillai
Padmanabhapuram	Harihara Ayyan
Parachala	M Hoogewerf
Trevandrum	Ramaswami Ayyan
Perappanood	J D Lemos
Quilon	.. Anandacharry
Krishnapuram	Mathai
Kottarakara ...	M Varkki
Tiruvella	Subramania Pillai
Chencotta .	Padmanabha Pillai
Aripat .	Sankara Pilla
Vaikam	Gopala Ayyan
Ettumanur ..	Padmanabha Ayyan (Ag)
Ambalapula	Vinkatakrishna Ayyan
Alleppey	Vydimatha Ayyan
Muvattupula	Sivatana Pillai
Paravur	Harihara Putturi Pillai

Additional Munsiff Courts.

Nagercoil	Subramannyya Sastri (Ag)
Trevandrum	Srinivasa Ayyankar

Court of Appeal from the Decisions of Special Magistrates.

W. E. Ormby, M. A., LL. D., Barister-at-Law...Special Appellate Judge.

MAGISTRATES.

T. Rama Row	...	...	Dewan Peishcar and Magistrate, Northern Division.
S. Shungra Soobier	...	Do.	Do. Do. Quilon Division.
O. Patcheappa Naicker	...	Do.	Do. Do. Trevandrum Do.
N. Suba Row	...	Do.	Do. Do. Southern Do.
J. Rohde	...	...	Town Magistrate, Alleppey.
O. H. Bensley, B. A.	...	...	Magistrate, Cardamom Hills.
C. B. Vernede	...	...	Conservator of Forests, & Magistrate.
J. R. Rice (Ag.)	...	...	Magistrate, Central and Southern Coffee Districts.

Special Magistrates for the trial of offences committed by European British Subjects.

W. T. A. Cosby	...	...	Assambhu (<i>On other duty.</i>)
R. Harvey, M. A., LL. D.,	...	...	Trevandrum (<i>on leave.</i>)
Major W. D. Brodie Ketchen (Ag.)	...	Do.	
J. Rohde	...	...	Alleppey.
O. H. Bensley, B.A.	...	...	Peermade.

TAHSILDARS.

Southern Division.

Hurri Row, Tahsildar & Sub-Magistrate Eraniel, doing the duties of	...	...	} Tahsildar and Sub-Magistrate of Thovalay.
Pulpanaba Naidoo	...	Do.	
Soondra Valoo Moodaliar Ag.	...	Do.	Do. Augusteeswaram.
Iyeppen Pillay, Tahsildar and Sub-Magistrate Cottaracuray, doing the duties of	...	Do.	Do. Culcoolum.
Kasava Pillay Ag.	...	Do.	Do. Eraniel.
			Do. Velavencode.

Trevandrum Division.

Soorianarayana Iyen (Ag.)	...	} Tahsildar and Sub-Magistrate.	
Varatha Iyen, 2nd...	...		
Nanco Sastrial	Do.	Do.	Trevandrum.
Govinda Pillay	Do.	Do.	Nedooengand.
Chembacaramen Pillay	Do.	Do.	Neyattincuray.
	Do.	Do.	Sheraingil.

Quilon Division.

Peraviperoomaul Pillay, B.A. Ag. Tahsildar and Sub-Magistrate,
Quilon.

Moothookristna Naidoo, Tasildar
and Sub-Magistrate Thovalay,

doing the duties of...	...	Do.	Do.	Cottaracurray.
Letohmana Iyen Ag.	...	Do.	Do.	Puthnapuram.
Runga Row ...	...	Do.	Do.	Shencottah.
Soobramonya Pillay ...	...	Do.	Do.	Cunnathoor.
Ramachundra Iyen ...	...	Do.	Do.	Karunagapully.
Ramaswamy Iyen Ag.	...	Do.	Do.	Kartigapully.
Kasava Pillay...	...	Do.	Do.	Ambalapalay.
Hariharaputhra Pillay	...	Do.	Do.	Mavalikarray.
Kasava Pillay, (on leave)	...	Do.	Do.	Chenganoor.
Narayana Pillay, Kundookrishi Tahsildar, Ambalapalay, doing the duties of ...	...	Do.	Do.	Do.
Neelacunda Pillay ...	...	Do.	Do.	Thiruvellah.

Northern Division.

Narayana Pillay Ag.	...	Do.	Do.	Shertalay.
Ramaswami Iyen do.	...	Do.	Do.	Vyooma.
Mathaven Pillay do.	...	Do.	Do.	Yettoomanoor.
Sathiyageeswara Iyen, B. A.	...	Do.	Do.	Cottayam.
Vythianatha Iyen ...	...	Do.	Do.	Chunganacherry.
Sooba Iyen Ag.	...	Do.	Do.	Meenachel.
Letchmaua Iyen Ag.	...	Do.	Do.	Thodoopalay.
Narayana Pillay do.	...	Do.	Do.	Kunnathunand.
Krishna Pillay do.	...	Do.	Do.	Alunguad.
Mathaven Pillay do.	...	Do.	Do.	Paravoor.

SUB-MAGISTRATES.*Southern Division.*

K. Pulpenabha Pillay ...	Salt Sheristadar & Sub-Magistrate.
Suntha Meah Vulli Meah.	Sub-Magistrate Irrigation Depart- ment Nanjensaud.
Siva Rama Pillay ...	Sub-Magistrate Cottar.
C. Krishna Iyen ...	Do. Aramboly.
M. R. Krishna Row ...	Sub-Magistrate, Minchiray, doing the duties of Sub-Magistrate Killiyur.
Narayana Pillay ...	Do. Thiruvuttar.
Neelacunda Iyen ...	Do. Colachel.
Veloo Pillay ...	Sub-Magistrate, Namun, doing the duties of Sub-Magistrate Minchiray Master Attendant and Sub-Magis- trate for enforcing boat rules Colachel.
Yagappa Pillay ...	

Trevandrum Division.

T. Ponnambalam Pillay ...	Town Sub-Magistrate Trevandrum.
Pulpanabha Pillay ...	Do. Parachalay.
Shungra Pillay Sub-Magistrate Paravoor, doing the duties of ...	Do. Namum.
Anantha Ramen Pillay...	Do. Poovar.
Pulpanabha Iyen Sub-Magistrate Kilhyur, doing the duties of ...	Do. Kalacootam.
Rama Row ...	Do. Nadayarah.

Quilon Division.

P. White ...	Town Sub-Magistrate Quilon.
Pulpanabha Pillay District Registrar Meenachel, doing the duties of ...	Sub-Magistrate Paravoor.
Pulpanabha Pillay ...	Do. Colathoorpolay.
Coomara Pillay ...	Do. Puthanamthitta.
Govinda Pillay ...	Do. Kayencolum.
Pulpanabha Pillay ...	Do. Pooluconnoo.

Northern Division.

A. J. D'Veigas ...	Sub-Magistrate, Always.
Govinda Pillay ...	Do. Ariyad.
Govinda Pillay District Registrar, Shertalay, temporarily doing the duties of ...	Do. Areccootty.
Pulpanabha Pillay ...	Do. Komaragum.
Pulpanabha Pillay ...	Do. Peravum.
Ramen Pandalay ...	Do. Kanjerapully.
Velayuthen Pillay ...	Do. Monumbum.
Geo. Beale ...	Do. Peermade.

Town of Alleppey.

Sreenivas Chariar Sub-Magistrate Kalacootam, doing the duties of ..	Town Sub-Magistrate Alleppey.
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LIST OF REGISTRATION INSPECTORS.

Shunmoogasundaram Pillay...	Inspector of Trevandrum Range.
Krishna Pillay ...	.. Inspector of Quilon Range.
Vittalapy ...	...Inspector of Shertalay Range.

LIST OF DISTRICT REGISTRARS OF ASSURANCES.

RANGE.	DISTRICTS.	CLASS.	NAMES OF REGISTRARS.
Trevandrum.	Thovalay ...	3	Sooboo Pillay (employed elsewhere temporarily)
	Augusteeswarem	1	Soobramoneya Pillay Clerk Huzoor Registry Office (Acting)
	Eraneel ..	2	Sasha Iyen.
	Do. Additional	2	Ramen Pillay.
	Calculom ...	2	Narayana Pillay.
			Annaswamy Iyen (employed elsewhere temporarily)
			Sooboo Pillay Thovalay Registrar (Acting)
	Velavancode ...	3	Puthmanabha Pillay.
	Do. Additional	2	Thanoovera Thumpy.
	Neyattencunray	2	Cochoonikurthavoo.
	Do. Additional	2	Soobramoneya Iyen.
	Nedooengaud	3	Valoo Pillay.
	Trevandrum ...	1	Valoo Pillay.
	Do. Additional	2	Puthmanabha Iyen
Quilon.	Sherayukeel ...	1	Vythianatha Iyen.
	Quilon ...	2	Runganatha Row.
	Cottaracurry...	4	Eynanarayana Iyen.
	Puthanapuram	4	Valoo Pillay.
	Shencottah ...	3	Hurrihara Iyen.
	Ounnathoor ...	4	Shungarayarana Iyen.

RANGE.	DISTRICTS.	Class.	NAME OF REGISTRATION.
Canton.	Oornagapully	1	Regava Iyen (on sick leave)
	Oratigapully	1	Annasamy Iyen Calculom Registrar (Acting)
	Mavalicerry	2	Puthmanabha Pillay.
	Chenganoor	4	Soondraswara Iyen.
	Thiravellah	3	Neelacunda Iyen.
	Ambalapalay	1	Coomara Pillay.
	Chunganacherry	4	Narsingom Pillay.
			Madaven Pillay (suspended)
Shertallay.	Shertallay	2	Govinda Pillay (on other duty)
	Vycome	4	Krishna Iyen (Acting)
	Yattoomanoor	4	Puthmanabha Iyengar.
	Cottayam	4	Shungoony Menon.
	Meenachel	4	Shungara Pillay.
		4	Puthmanabha Pillay (on other duty)
			Narayana Pillay Head Goomestah (Acting)
	Thodupulay	4	Shungara Pillay.
	Moattoopulay	4	Kri-hua Pillay.
	Cunnathnand	4	Neelacunda Pillay Head Goomestah (Acting)
	Allungaud	4	Krishna Iyen.
	Paravoor	3	Krishna Iyen (employed elsewhere)
			Valoo Pillay (Acting)

MEDICAL DEPARTMENT

Surgeon Major J M Houston, M. D.
 Physician to His Highness the Maha Rajah of Travancore
 Assistant Surgeon S Pulney Andy, M. D., F. I. S.
 Superintendent of Vaccination

COMMENCEMENT OF SERVICE	NAME	DATE OF PRESENT RANK	REMARKS
SUB ASSISTANT SURGEONS			
May 1844	L. Belle	May 1869	Medical Stores and Central Jail
April 1857	H. W. Martin	May 1872	Alleppey
February 1850	T. Veerappa Pillay	September 1876	Quilon
August 1859	S. B. Sawyer	Do	General & Maternity Hospitals
November 1847	T. Ramaswamy Pillay	May 1877	H. H. the Eliah Rajah's Palace Dispensary
APOTHECARIES			
January 1813	Appaveo Pillay	December 1869	Nair Brigade
July 1849	T. Swamynatha Pillay	Do	Mayalicuturay
May 1848	S. Krishna Pillay	May 1878	Pulpanabapoorum
Do	A. Narayana Row	Do	Charity Hospital
June 1869	T. Krishna Rajoo	June 1880	Central Jail
1ST CLASS ASSISTANT APOTHECARIES			
May 1861	M. J. Carvalho	May 1873	Nagercoil
June 1860	F. Pulpo Pillay	August 1875	Charity Hospital
Do	I. R. Appaveo Pillay	Do	Moovatupulay
May 1861	K. Narayana Row	Do	Coolasagom
Do	X. Moothoswamy Pillay	Do	Parachalilay and Veyatuncury
Do	R. Florio	February 1876	Nair Brigade
June 1864	M. Krishnaswamy Pillay	June 1877	Alencottah
August 1864	J. G. Cross	August 1878	Alway
June 1864	M. Shivaramakrishna Iyer	July 187	Warkalay
Do	M. Neelacunda Pillay	Do	General Hospital
Do	E. Valoo Pillay	Do	Shervallay
July 1865	G. Arunavalam Pillay	Do	Palace
December 1865	N. Govinda Pillay	December 1877	Do
September 1869	C. A. Lafrenais L. M. S.	September 1880	General Hospital
2ND CLASS ASSISTANT APOTHECARIES			
November 1813	F. P. Fernandes	November 1879	Insane Asylum
Do	J. LaBonchardiere	Do	Paermode
Do	Joseph L. Gomes	Do	Cottayam
Do	M. Hamid Hussain Sahib	June 1880	Medical Stores
3RD CLASS ASSISTANT APOTHECARIES			
July 1873	S. Thoppaya Pillay	July 1876	Alleppey
Do	V. Narayana Pillay	July 1877	Special duty Northern Division
November 1873	N. Sooboo Pillay	November 1874	General Hospital
July 1874	C. T. Sravium Pillay	August 1875	Ponalore
July 1877	A. Moothoswamy Pillay	August 1878	Special duty Northern Division
October 1879	J. Mathian	October 1880	Cardamom Hills
Do	S. E. DeLemos	Do	Central Jail
Do	K. Hansen	Do	Quilon
PASSED MEDICAL PUPILS			
January 1880	N. Neelacunda Pillay	January 1880	General Hospital
Do	R. Veyra	Do	Alleppey
Do	P. Chekalingom Pillay	Do	Nagercoil
Do	K. Ibrahim Sahib	Do	General Hospital
MEDICAL STUDENTS			
	R. Neelacunda Pillay		
	N. J. Daniel		
	M. Muthu Pillay		
	C. J. Veyra		
	K. S. Valoo Pillay		
	V. Ramen Pillay		
	A. Krishnaswamy Pillay		

Medical School Travancore.

Durbar Physician's Office.

K. Ramaswamy Pillay * † §	...	...Correspondence Clerk.
T. A. Shummoogum Pillay	...	...Assistant Do. Do.

General Medical Stores.

S. Letchmina Pillay **Writer.**

General and Maternity Hospitals, Trevandrum.

**The Physician to H. H. the Maha Rajah,
Superintendent.**

S. B. Sawyer Sub-Assistant Surgeon.
Mrs. M. Morrison .. (Madras Midwifery Diploma) Matron

Charity Hospital, Trevandrum.

The Physician to H. H. the Maha Rajah,
Superintendent.

A. Narayana Row **Apothecary.**

Lunatic Asylum, Trevandrum.

The Physician to H. H. the Maha Rajah.
Superintendent

F. P. Fernandez **Apothecary.**

Vaccination.

S. Pulney Andy, M. D., F. L. S.,
Superintendent

V. Dasanarayana	...	.. Writer.
R. Gopala Pillay	..	.. Head Vaccinator.

*The Establishment consists of 35 Vaccinators divided into 4 classes.
The Vaccination Department is under the orders of the Durbar Physician.*

Travancore Medical School.

Ex Officio Principal *The Durbar Physician.*

Lecturers
 { J. Sperschneider, M. D.
 { S. Pulney Auddy, M. D., F. L. S.
 { U. A. Lafrenais, L. M. S.

Anatomy .. **Practice of Medicine.**

Physiology	Midwifery.
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Materia Medica	Forensic Medicine.
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Surgery Vaccination.

Clinical Medicine and Surgery .. Practical Pharmacy.

N. B. The course occupies four years—two or three subjects are taught in a year.

* Passed Matriculation Examination.

I	do.	General Test	do.
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†	do.	Middle school	do.	(2nd class)
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9 do. Travancore Zillah Court Vakil Test Examination.

TRAVANCORE GOVERNMENT ESTABLISHMENTS, INSTITUTIONS, OFFICERS, &c.

MILITARY.

NAIVE BRIGADE.

<i>Ranks and Names</i>	<i>Date of Appointment to Travancore Government</i>	<i>Date of Commission in H. C. Majesty's Army.</i>	<i>To what Corps and Presidency belonging</i>	<i>Rank and Appointment in the Travancore Service.</i>
Major W. D. Brodie Ketchen	25th July 1879	1st October 1877	M Lt. Cavalry	Commandant.
Major A. MacGoun	18th August 1875	9th December 1874	M S. C	Comg. 1st Batt. and Artillery.
Captain W. Miller	25th July 1879	4th March 1873	General List....	Comg. 2nd Batt. and in charge of the [Band.
<i>Staff</i>				
Captain W. Miller				Staff Officer.
Major A. MacGoun	23rd July 1851	Local	.....	In charge of Quarter Master's Office.
J. Sperechander, V.D.	16th Nov. 1847	.....	.....	In Medical charge
Kelly Pillay	29th October 1839	.....	.....	Subadar Major, 1st Battalion.
Krishna Pillay	.....	.....	.....	Do. 2nd Battalion.
C. A. Matcher	13th Oct. 1857	Local	.....	Band Master.
J. Matcher	1st October 1878	Local	.....	Asst Band Master

UNIFORM {1st Battalion, Scarlet—FACIEN, Rifle Green } *Laos, Gold.*
 {2nd Do do do } *Blue*

The Native Infantry portion of the Brigade consists of 3 Battalions, each Battalion of 8 Companies, and each Company of 1 Sabadar, 1 Jemadar, 5 Havildars, 5 Nagues, 1 Drummer, 1 Fifer and 78 Privates

The Infantry are armed with smooth bore percussion muskets

In the Artillery there are 1 Jemadar, 8 Havildars, 2 Nagues and 25 Privates with 4 guns, (18 Pounder Howitzers.)

The Band consists of 1 Havildar, 1 Nague and 30 Musicians.

To each Battalion is attached, 1 English Writer, 1 Accountant, 1 Native Writer, 8 Company Writers, 1 Apothecary, 1 Podallay, and 1 Do. Baggage

To the Brigade 3 Sepoys Major, 1 Interpreter, 1 English Clerk, 1 Paymaster, 2 Native Writers, 1 Store Superintendent, 1 Do. English Clerk, 1 Do. Native Writer, 1 Tailor, 5 Artificers, 1 Chaudhary, 6 Tokes and 1 Ward Cooky.

COMMANDING OFFICERS OF THE NAIR BRIGADE.

9th Regt. M. N. I.	Captain A. McLeod	1815.	
H. M.'s 30th Regt.	Captain O. W. Gray	1st July 1819	
H. M.'s 1st Regt.	Major H. Farquharson	21st April 1829.	
1st Lt. Cavalry	Captain G. Faris	30th August 1830	
4th Regt. N. I.	Captain B. N. Campbell	2nd December 1834.	
45th Regt. N. I.	Lieut. (Bt. Captain) W. E. Lockhart...	22nd June 1842	
17th Regt. N. I.	Captain (Bt. Major) J. Gunning	11th January 1844.	
2nd Regt. N. I.	Captain (Bt. Major) E. Shurreff	17th December 1845.	
16th Regt. N. I.	Major S. A. Grant	22nd June 1850	
2nd Regt. N. I.	Captain (Bt. Lt. Col.) R. N. Launce	20th July 1855.	
M. S. O.	Major H. Drury	21st April 1862.	
M. S. C. (3rd Lt. Cavalry)	Major J. N. Maclean	10th May 1867.	
23rd Regt. N. I.	Captain (Bt. Major) S. W. Lennox...	7th April 1869	Acting.
M. S. O.	Major J. A. Ellis	16th November 1870	
M. S. C.	Major A. F. F. Bloomfield	17th June 1872	
M. S. C.	Major St. G. Caulfield	23rd April 1873	Acting.
M. S. C.	Major A. A. Davidson	6th June 1875.	
M. S. C.	Major W. D. Brodie Ketchen ,	7th July 1875.	
M. Lt. Cavalry ...		1st May 1876.	Acting
		25th February 1878.	
		25th July 1879	

PUBLIC WORKS DEPARTMENT.

A. H. Jacob, B. A.

Chief Engineer.

Permanent Executive Establishment.

S. Horaley Assoc. M. I. C. E.	...	1st Assistant Engineer.
D. W. T. Valentine	..	2nd Assistant Engineer.
C. B. B. Sherman	...	3rd Assistant Engineer.
D. McNab	...	Supervisor.
J. Whitbread	...	Do. (In Charge of the Northern Division.)
	...	Do.
J. Sinclair	...	Assistant Supervisor.
A. G. King	...	Do. (Acting)
P. Devasagamony Pillay	...	Overseer.
T. C. Chinnaswamy Naidoo	...	Do.
T. A. Wood	...	Do.
Geo. King	...	Do.
S. Sasha Iyengar	...	Do.
G. Runganatha Pillay	...	1st Class Assistant Overseer.
J. A. D'Silva	...	Do. do.
T. M. Soobaraya Pillay	...	Do. do.
N. Rungaswamy Pillay	...	Do. do.
Armooda Iyengar	...	Do. do.
	...	Do. do.
V. Coopaswamy Iyen	...	2nd Class do.
P. Appavoo Pillay	...	Do. do.
M. Kashava Pillay	...	Do. do.
N. Kashava Pillay	...	Do. do.
O. R. Streenevasa Iyengar	...	Do. do.
W. H. McLean	...	Do. do.
A. Goormoorthy Naidoo	...	Sub-Overseer.
Annathoray Iyen	...	Do.
P. I. David	...	Do.
Geo. Carvalho	...	Do.
Manikavasagom Atochary	...	Do.
V. Soobramonya Iyen	...	Do.
D. Samuel Pillay	...	Do.
	...	Do.

Supernumerary Executive Establishment.

N. Dollamore	...	Superintendent of Tunnels.
W. G. Marsh	...	Assistant Supervisor.
S. V. Appavoo Pundit	...	Overseer.

Survey and Drawing Pupils.

	...	Draughtsman
M. Marthanda Pillay	...	Survey Pupil (on other duty)
V. Soobaraya Pillay	...	Drawing Pupil
C. Moothooswamy Pillay	...	Do.

Permanent Office Establishment.*Chief Engineer's Office, Travandrum.*

C. R. Mitchell	...	...	...Manager.
	...	...	...Head Correspondence Clerk.
A. Vieyra	...	...	...Clerk.
T. M. Moothooswamy Pillay	...	...	...Do.
A. O. Soobramonya Pillay	...	...	...Translator and Cashier.
J. Jackson	...	...	...Head Draughtsman.
W. D. Wheeler	...	...	...Assistant Do.
D. Govind Sing	...	...	...Store keeper.
A. Thompson	...	...	...Assistant Do.

Assistant Engineer's Office*Quilon Division, Head Quarters, Quilon.*

R. Vytheanatha Iyen	...	...	...Head Clerk.
G. Britto	...	...	...Clerk.
A. Shungaracoomaroo Pillay	...	...	...Do.

Southern Division, Head Quarters, Nagercoil.

A. S. Gomes	...	...	...Head Clerk.
J. Anthony	...	...	...Clerk.
Ramalingom PillayCash Writer.

Northern Division, Head Quarters, Cottayam.

M. B. GonsalvezHead Clerk.
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REVENUE SURVEY DEPARTMENT.

J. Arklie,

Revenue Surveyor, on duty with Boundary Commissioner for
Travancore and Cochin.

J. Janas	...	...	...Assistant Revenue Surveyor.
			(In charge.)
J. Janas Jr.	...	...	...Detail Surveyor.
H. Moonaswamy Naidoo	...	...	...Draughtsman.
T. Aulamkhan	...	...	...Do. on duty with Revenue Surveyor.
C. Carnakara Menon	...	...	...Computer.
K. Krishna Iyen	...	...	...Do.

OBSERVATORY, TRIVANDRUM.

Palpanabha Pillay... ..In charge.

GOVERNMENT MUSEUM.

The Museum is under the management of a Committee.

PRESIDENT

Atholl MacGregor Esquire.

MEMBERS.

Major W. D. Brodie Ketchen.

Captain W. Miller.

H. S. Ferguson Esquire.

Major W. D. Brodie Ketchen	...	...	Honorary Secretary.
Mr. Richard Davey	...	...	Superintendent.
Mr. J. T. Murray	...	...	Writer.

1. This is a Museum of Natural History; Raw products used in the Arts and manufactures; specimens of manufactures, Implements and Machinery; Antiquities; Scientific Instruments, Objects of Art, &c.

2. As the collections in the various sections are yet far from complete, specimens for any of them will be very acceptable.

3. The Museum is open gratuitously to the public daily, Sunday's excepted, from 6½ A. M. to 5 P. M.

N. B. On the first Wednesday of every month, from 12 noon, the rooms are cleared and reserved exclusively for Goash Ladies.

W. D. BRODIE KETCHEN, MAJOR.

Honorary Secretary.

GOVERNMENT PUBLIC GARDENS

The Public Gardens are under the management of a Committee

PRESIDENT

Atholl MacGregor Esquire

MEMBERS

Major W D. Brodie Ketchen

Captain W Miller

H S Ferguson Esquire

Major W D Brodie Ketchen

Honorary Secretary

Mr Richard Davey

Superintendent

Byrappah

Head Gardener

1 The Zoological collection of the Gardens consists of a variety of interesting specimens 2 Tigers, 5 Lions, 3 Cheetas, 1 Rhinoceros, 1 Malay Tapir, 1 Bear, 2 Sambar, 4 spotted Deer, 1 Barking Deer, 1 Mouse Deer, 1 Jungle Pig, 3 Toddy Cats, 1 Hill Squirrel, 1 Armadillo, 14 Brown Monkeys, 6 Black Monkeys, 1 Bandicoot, 2 Alligators, 2 Pythons, 2 Turtles

2 The Aviaries contain 2 Emus and a variety of handsome Ornithological specimens

PUBLIC GARDEN RULES

1 The Garden shall be opened daily between 5 A M and 8½ P M after which hour the gates will be closed and no person will be permitted to remain in the Gardens except by special order

2 Visitors are requested not to ride or drive on the foot-paths and not to walk on the cultivated grass They are also requested not to touch the Flowers

3 Carts and Coolies with loads or baskets will not be allowed to enter

4 Visitors are warned not to irritate or annoy the animals in any way whatever

5 All animals found straying in the Gardens will be impounded

6 Smoking within the precincts of the Band Stand Promenade is strictly prohibited

7 Bullocks are not to be unyoked except in the place set apart for that purpose

W D BRODIE KETCHEN, MAJOR

Honorary Secretary.

GOVERNMENT PRESS.

Geo. Bain,
Superintendent.

M. Vytheanatha Pillay	...	...	Head Printer.
S. Thanoo Pillay	...	...	Malayalim Computer.
P. Shamoo Iyen	...	...	Do. Asst. Do.
T. J. Pooncos	...	...	Do. Head Compositor
Simon D'Crus	...	...	Head Bookbinder & Press Overseer.
Maroothanayagum Pillay	...	...	Warehouse Do.
J. Buckner	...	...	Lithographer.
I. Sasthavachary	...	...	Clerk.

EDUCATIONAL DEPARTMENT.

ENGLISH.

H. H. THE MAHA RAJAH'S HIGH SCHOOL AND COLLEGE, TREVANDRUM.

Principal—John Ross, M. A.

College.

John Ross, M. A.	...	Professor of English & Mathematics.
Robert Harvey, M. A., LL. D...	Do.	Do. Mental and Moral Philosophy and Logic (<i>Europe</i> .)
K. Vasudava Row	...	Assistant—General.
A. Valluamandam Moodaliar, B. A.	Do.	—Mathematics.
P. Soondrum Pillai, B. A.	...	Do.—Philosophy.
M. LeBouchardiere, B. A.	...	Do.—English.
V. I. Kesava Pillai, B. A.	...	Do.—General (<i>Temporary</i> .)
N. Ramakurup, B. A.	...	Malayalim Moonashee.
C. Swamynada Desikar...	...	Tamil Do.
S. Vydanada Sastri	...	Sanskrit Do.

High School.

C. Luke...	...	Teacher of the fifth Class.
P. Pulpoo Pillai	...	Do. Do.
H. Ramasoooboo Aiyar, B. A.	...	Do. Do.
G. Venkatasooobramanya Aiyar	...	Do. Do.
Fourth Class Teachers...	...	6
Third Do. Do.	...	6
K. Pogroosothaman Pillai	...	Assistant Mal. Moonashee.
S. V. Harihara Aiyar	...	Do. Tamil Do.
Writer	...	1.

Preparatory School.

Master	...	T. Nagan Thambi.
Assistant Masters	...	4.
Monitors	...	7.

Law Class.

W. E. Ormsby, M. A., LL. T. Barrister-at-Law	...	Professor.
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DISTRICT SCHOOLS.

J. Ross, M. A., In charge.

N. Seetha Aiyar, Acting Inspector

K. Kunjuni Menone. B. A.	... Master...	Alleppey.
N. Ganapathy Iyen Ag.	... do. ...	... Kottar.
J. B. Brown ... ..	.. do. ...	.. Quilon.
S. Visvanatha Iyen Ag.	... do. ...	... Thuckallay.
N. Pulpanaba Iyen Ag.	... do. ...	.. Eraniel.
V. Krishna Iyen Ag....	.. do. ...	... Shencottah.
M. Matthew ... ..	.. do. ...	... Kayencollum.
K. Seetharama Iyen ..	.. do. ...	... Mavalikara.
K. Shungara Pundalay	. do. ...	.. Thiroovulla.
J. Daniel. . ...	.. do. ...	... Chunganacherry.
K. Narrian Row Ag. .	... do. ...	.. Shoreingeel.
T. Anandanarayana Iyer	... do. ...	... Attingil.
W. R. Landsbeck ...	... do. ...	... Paravoor.
M. Thomas Ag....	... do. ...	... Kottarakaray.
T. Bhoojung Row ...	.. do. ...	... Poothapandy.
R. Appathoray Iyen ...	.. do. ..	.. Tiroovottar.
K. Valoo Pillay... ..	.. do. ...	.. Jolachel.
V. Shungara Pillay ...	... do. ...	.. Always.
R. Easwara Pillay, B. A. Master, Special School...		Mavalikaray.

SIBCAR SCHOOL FOR GIRLS, TREVANDRUM

Lady Superintendent—Miss A. C. Donnelly.

Subjects taught.

English and Indian History, Geography, Grammar, Composition, Natural Philosophy, Arithmetic, Euclid: Lessons on Objects, &c., in addition to the usual Educational routine. Accomplishments :—Music; Drawing; Plain Sewing, and Ornamental Needle work, &c., &c.

VERNAACULAR.

S. Rama Row,
Director of Vernacular Education
District Schools.

C. Krishna Pillay B. A.	Inspector, Southern Range.
Anandanarayana Iyen	Do. Northern Do.
Pulpoo Thumbay	Do Grant-in-aid Schools.
Pitcha Pillay	Deputy Inspector.
Pulpanaba Pillay	Do.
Gopala Pillay	Do.
Kristna Pillay	Do.
Ramakrishna Varier	Do.
Pulpanaba Iyen	Do.
Koshee	Do.
Cochoopillay Varier	Do.
Valoo Pillay	Do.
Ramakrishna Iyen	Do.
Amoorthanatha Iyen	Do.
Anandakrishna Iyen	Do.
Sreenivasa Iyen	Do.
Coomookrishna Pillay	1st Master, Central Vern. School.
Vencadaswara Iyen	Do. Karamanay Girls do.
Ganapathy Iyen	Do. Fort do.
Pulpanaba Iyen	Do. Soochindram do.
Harihara Iyen	Do. Kottar do.
Shivarama Pillay	Do. do. Tamil do.
Easwara Iyen	Do. Eramel do.
Narayana Pillay	Do. Neyattincarnay do.
Colathoor Iyen	Do. Culcoolum Girls' do.
Parasoorama Iyen	Do. Thurroovattar do.
Valoo Pillay	Do. Velavancode do.
Ragoopathy Iyen	Do. Culcoolum do.
Mahalinga Saastri	Do. Nadoomungaud do.
Vencataswara Iyen	Do. Kottaracaray do.
Soobramony Iyen	Do. Shereungeel do.
Narayana Iyen	Do. Quilon do.
Harihara Iyen	Do. do. Girls' do.
Janardana Iyen	Do. Caroonagapully do.
Govinda Varier	Do. Kartigapully do.
Shungoo Varier	Do. Mavalikaray do.
Shungaranarayana Iyen	Do. Chenganore do.
Pulpanaba Iyen	Do. Thurroovellah do.
Krishnen Oony	Do. Ambalapocollay do.
E. M. Philip	Do. Shertallay do.
Atchootha Varier	Do. Vycome do.
Ramen Pillay	Do. Cottayam do.
Soobramony Iyen	Do. Chunganacheri do.
Vencadaswara Iyen	Do. Paravoor do.
Boothahngum Iyen	Do. Coonathoor do.

PROPERTY SCHOOLS.

NAME OF DISTRICT	NAME OF SCHOOL	NAME OF MASTER
Agasteeswaram Thovalay	Boothapandy	Soorianarayana Iyen
	Thalakoody	Shungaranarayana Iyen
	Tharichanomecoppoo	Eroollapa Pillay
	Anandepooram	Ramaswamy Iyen
	Allakiapandipooram	Soobramony Iyen
	Parakay	Moothooswamy Iyen
	Tharoor	Mathoosoothana Iyen
	Eravipoothoor	Vythianatha Iyen
	Krishnencol	Thanoo Iyen
	Parvathipooram	Haridhara Iyen
	Edalacoody	Yagapa Pillay
	Coolasacarpooram	Soobramony Iyen
	Rajacamongalom	Krishna Iyen
	Killyoor	Coomara Pillay
	Auloor	Ramen Pillay
Eramel	Kadiapattanom	Nagen Pillay
	Pathara	Govinda Pillay
	Thiruvovithancode	Mathanda Pillay
	Neyoor	Pulpoo Pillay
	Mundacaud	Sooboo Iyen
Culcolum	Parachary	Rama Iyen
	Coolasacaram	Narasimha Iyen
	Ponmana	Rama Iyen
	Katlattooray	Krishna Iyen
	Mongalam	Mathanden Thumby
	Chakal	Pulmanaba Pillay
	Karingal	Valoo Pillay
	Aroothasapattoo	Shungaranarayana Pillay
	Elloothasapattoo	Krishna Iyen
	Pynkoolum	Ramaswamy Iyen
Velavancode	Poothocada	Easwara Pillay
	Coonathoor	Narayana Iyen
	Amshy	Pulpoo Pillay
	Paukode	Shungaranarayana Pillay
	Mathoocoomale	Shungoo Achan
	Kollamcode	Krishna Pillay
	Palookil	Mahadava Iyen
	Anoocodu	Krishna Pillay
	Parachallay	Ramaswamy Iyen
	Coolathoor	Ramen Pillay
	Balaranapooram	Pulpoo Pillay
	Parooncadavellay	Narayana Pillay
Neyattencary	Poor	Narayana Pillay
	Moonnarav	Narayana Pillay
	Ohoolattookottay	Krishna Pillay
	Villappul	Iyeppen Pillay
	Namum	Mathava Iyen
	Vattayoorcavoo	Ramaswamy Iyen
	Sasthamongalom	Krishna Pillay
Trevandrum	Pattom	Soondra Sing
	Coolathoor	Pulmanaba Pillay
	Oolloor	Ramen Pillay
	Kalacoottum	Mathava Iyen

NAME OF DISTRICT	NAME OF SCHOOL.	NAME OF MASTER.
Trevan- drum.	Thonnakal ...	.. Coomara Pillay.
	Pallipooram ..	.. Narayana Pillay.
	Palcoollungaray ..	...Pulpoo Pillay.
	Kadinamcoollum ...	.. Pulmanaba Pillay.
	Callady ...	.. Narayana Moothoocomaroo
Nedoomungand.	Vampayam ...	.. Mahalingum Iyen.
	Karacoollum ...	.. Coomara Pillay.
	Vamanapooram ...	.. Ramen Pillay.
	Auryanaud ...	.. Ramen Pillay.
	Oollamalakul ...	.. Neelakunda Pillay.
	Paroonkoollum ..	.. Paramasweren Pillay.
	Ooolathoomale ..	.. Krishna Pillay.
	Vallanaud ...	.. Coomara Pillay.
	Cadackavoor ...	.. Pulpoo Pillay.
	Avanavanchari ..	.. Vencatarama Iyen.
Sherunkel.	Allamcode... ..	.. Paramasweren Pillay.
	Wurkallay ..	.. Makarabooshana Iyen.
	Navayekoollum ...	.. Shungaranarayana Iyen.
	Madavoor ..	.. Narayana Pillay.
	Killimanoor ..	.. Narayana Pillay.
	Oonthalloor ...	.. Valoo Pillay.
	Nagaroor ..	.. Ramen Pillay.
	Manampoor ..	.. S. Pulpoo Pillay.
	Paravoor ..	.. Paramoo Pillay (Acting.)
	Chathanoor ..	.. Vergese.
Qulon.	Eravipooram ...	.. Narayana Pillay.
	Athichanalloor ...	.. Valoo Pillay.
	Ellamcoollum ...	.. Krishna Pillay.
	Sacthicoollungaray ..	.. Ramen Pillay.
	Killicollore ..	.. Ramen Pillay.
	Padingarakallada ..	.. Rama Iyen.
	Mookathallay ...	.. Andy Iyen (Acting.)
	Ellamaut ..	.. Pulpoo Cooroccul.
	Valliam ...	.. Chanda Pillay.
	Nadoovuncavoo ..	.. Narayana Pillay.
Pathana- pooram.	Ohadayamongalom ...	.. Kashaven Oonythan.
	Ellookone ..	.. Mathoonny.
	Valoonalloor ...	.. Chauko.
	Unjell ..	.. Korathoo.
	Koolacada... ..	.. Mathayee.
	Vallykavala ..	.. Mathoo Pillay.
	Thalavoor ...	.. Narayana Numbiathes.
	Eujakaud ..	.. Neelacunda Pillay.
	Shencottah ..	.. Ooothalam Iyen.
	Sharoovacarenpoothoor	.. Sitharam Iyen.
Shencottah.	Achenpoothoor ...	.. Shungaranarayana Iyen.
	Elathoor ..	.. Meenachisoondra Iyen.
	Carakoody ...	.. Vencatarama Iyen.
	Ayakooddy... ..	.. Soma Soondra Iyen.
	Poolyara ...	.. Thirumalamoothoo Thumban.
	Shivanalloor ...	.. Rama Soondram.
	Karunagapully ...	.. Krishna Pillay.
	Ohavaray ...	.. Sanapathy Iyen.
	Poothoopully ...	.. Narayana Auchan.
	Thalavacaray ...	.. Pulpanaba Pillay.
Panamara.	Panamara ...	.. Shungara Varier.
	Thalava ..	.. Narayana Pillay.

NAME OF DISTRICT	NAME OF SCHOOL	NAME OF MASTER.
Kartgapully.	Kartgapully	Cochococonjoo Mopla.
	Aripaud	Valoo Auchan
	Pallipaud	Cochoopillay Varier
	Chapaud	Neelacunda Pillay.
	Moothoocoollum	Pulpanaba Pillay
	Coomatapooram	Ramakrishna Pillay
	Keericaud	Govinda Pillay
	Pathyoor	Coonjookrishna Varier
	Killacacaray	Tharien
	Mavalikaray	Govinda Pillay
	Thackacara	Charia
	Panthallam Vadacacaray	Krishna Pillay
	Do Thackalaray	Ramen Pillay
Mavalikaray.	Moolikoollungaray	Pulpanaba Pillay
	Choonakara	Govinden Coonthan
	Pallikal	Iyeppen Pillay
	Noornaud	Krishna Pillay
	Aula	Valoo Pillay.
	Cunnamongalom	Ramen Pillay
	Thamaracoollum	Coomara Pillay.
	Vanmany	Kashava Pillay.
	Chenganore	Cooruovellah
	Vadacacaray	Cochetty
	Ranee	Yohannan
	Chennithallay	Krishnen Thumby.
	Manaur	Pulpoo Pillay.
Chenganore.	Coompallay	.. Potha
	Omaloor	Krishna Pillay
	Idanaud	Pulpanaba Pillay
	Conyoor	Narayana Pillay
	Aranmoollay	Coomara Pillay
	Iyoor ..	..Narayana Pillay
	Cuddapra ...	..Cochococonjen.
	Culloorpaura ..	.. Krishna Pillay
	Nadompram ..	.. Govinda Pillay
	Kavyoor ..	..Oodoop.
	Ldacharymalay ...	..Krishna Pillay.
	Neercoonnun ..	.. Mathava Varier
	Takally ..	.. Shungaren Potty.
Thruvella.	Thalavady...	.. Paramaswaren Pillay.
	Caroomaudy ...	.. Shungara Varier.
	Poolneoonun ..	..Letchminarajana Iyen.
	Chambakoollum ...	..Ramen Pillay
	Alleppey ...	..Ohalavany Varier
	Valoor ...	..Govinda Cooroocul
	Kidangoor...	..Pulpanaba Pillay.
	Pampaady. .	.. Iyeppen Pillay
	Vjayapooram ...	..Narayana Pillay.
	Manjadicaray ...	..Govinda Iyen
	Poothoopully	..Pulpanaba Pillay,
	Parriarum...	..Vergese.
	Neelamparoor ...	..Cooren.
Chunga- chel. nacheri yam.	Meenachel...	..Govinda Pillay.
	Poolyanore ...	..Narayana Pillay.
	Ramapooram ...	..Paramaswaren Pillay.
	Pallay ...	..Vergese.

NAME OF DISTRICT	NAME OF SCHOOL	NAME OF MASTER.
Vycome.	Vycome ...	...Eravi Pillay.
	Pallipooram ...	...Govinda Pillay.
	Panavally ...	...Coonjen Pillay.
	Manaccoonnum ...	...Ramen Pillay.
	Coolasacaramongalom ...	...Comaroo Thumban.
	Moolaccoollum ...	...Rama Varier.
	Vadayaur ...	...Cochoocalaroo Thumban.
	Auryaud ...	...Andy Pillay.
	Thanneermookum ...	...Narayanan Oonny.
	Vayalaur ...	...Kittoonny Pillay.
Shertallay.	Arroor ...	...Kashava Pillay.
	Thooravoor ...	...Narayana Pillay.
	Mararikoolum ...	...Coonjen Pillay.
	Iymanom ...	...Neelakunda Pillay.
Yetmanoor.	Yetmanoor ...	...Coonjen Pillay.
	Manjore ...	...Govinda Pillay.
	Vachoor ...	...Govinda Panikar.
	Kypoolay... ..	...Krishna Pillay.
Coo-Pa-Al-nath ra-ten-Koonnath-nad. voorgad.	Coomaracom ...	...Paramaswaren Menon.
	Nadiyadom ...	...Govinda Menon.
	Edapully Vadacoombakum	...Mathava Varier
	Do Thackoombakum	...Ramen Pillay.
	Thrikakara ...	...Shungara Pillay.
	Charanallloor ...	...Apathooray Iyen.
	Iyroor ...	...Govinda Pillay.
	Manjapra ...	...Kashava Pillay.
	Cotoopully . .	...Rama Varier.
	Paracadavoo ...	...Krishna Pillay.
	Coonnathnaud ...	...Pulpanaba Menon.
	Paroombavoor	...Rama Menon.

GRANT-IN-AID SCHOOLS.

In the Town of Trevandrum.

LOCALITY OF SCHOOL.	NAME OF MASTER.
Vanjiyoor ...	...Valoo Pillay.
Attookal ...	...Pulpoo Pillay.
Palcoollungaray ...	...Iyeppen Pillay
Do. ...	...Shivarama Pillay.
Manacaud ...	...Narayana Pillay
Do. ...	...Shungara Pillay.
Challay .	...Sooboo Iyen.
Do. ...	...Paramaswaren Pillay.
Do. ...	...Armoogaparoomaul.
Coonnocooolly ...	...Pulpoo Pillay.
Poothenchantha ...	...Shungaramoorthia Pillay.
Breevaragom ...	...Valoo Pillay.
Manacaud ...	...Krishnen Mathaven.
Andiarakom ...	...Soomanarayana Pillay.
Pettah ...	...Pulpanaba Pillay.
Thumbanoor ...	...Narayana Iyen.
Breecundaswaram	...Valoo.
Karamanay ...	...Shungaranarayana Iyen.
Do. ...	...Narayanan Shivathanoo.
Paroonthanny ...	...Parooman Pulpanaben.
Kythamookoo ...	...Pulpoo Pillay.

List of Schools to which grants have been paid under the Rules of 1951.

The name of the Applicant and locality of the School.				Average daily attendance.	No. of Teachers.	Salary of Teachers.		Amount of grant per annum.	
Rev. WILLIAM LEE.						Rs.	C.	Rs.	C.
Agusteeswaram	...	...	...	51	2	13	6	7	7
Mylaudy	...	...	...	47	2	14	16	6	7
Moonilanoody	...	...	...	28	1	6	8	3	4
Kottayadee	...	...	...	28	1	6	8	3	4
Nagercoil	...	...	...	53	3	14	8	6	7
Chanthapooram	...	...	...	47	3	13	8	6	7
Zeonpooram	...	...	...	46	2	10	16	4	23
Poothallam	...	...	...	46	2	11	4	5	...
Thamarakoolam	...	...	...	30	1	7	...	3	16
Ooyaravallay	...	...	...	30	1	7	...	3	4
Cunnaseocollum	...	...	...	31	1	7	4	3	16
Allakapooram	...	...	...	26	1	7	...	3	2
Koondalle	...	...	...	29	2	7	4	2	...
Poonnayadee	...	...	...	31	2	9	...	4	4
Leepooram	...	...	...	26	1	7	4	3	16
Kumarapooram	...	...	...	27	1	6	...	2	22
Paracharyvally	...	...	...	25	1	5	20	2	20
Kannamdom	...	...	...	26	1	7	4	3	15
Ottayal	...	...	...	33	1	7	4	3	16
Santhayadee	...	...	...	33	1	7	16	3	16
Ananthanadan	...	...	...	32	1	6	10	3	5
Denishpooram	...	...	...	37	2	8	...	3	4
Vyraseoody	...	...	...	37	1	6	...	3	...
Kodooopacoolly	...	...	...	26	1	6	8	3	4
Payanacoolly	...	...	...	25	1	6	...	2	14
Kullhancud	...	...	...	26	1	6	16	3	8
Koilvally	...	...	...	29	1	8	...	3	16
Sothavally	...	...	...	40	2	10	16	4	4
Amandyvalley	...	...	...	27	1	6	16	3	8
Paroovalley	...	...	...	25	1	5	22	2	25
Villookerry	...	...	...	25	1	6	...	3	...
Kunnacoorchy	...	...	...	34	1	8	...	3	23
Allenvally	...	...	...	32	1	7	...	3	...
Katamoley	...	...	...	28	1	7	...	3	8
Achenocollum	...	...	...	26	1	6	24	3	4
Kottar Girl's School	...	...	...	42	2	9	8	4	18
Nagercoil Boy's Do.	...	...	...	53	3	20	...	6	7
Colathoovalley	...	...	...	27	1	7	4	3	...
Poothoogramam	...	...	...	25	1	6	...	3	...
Charakalvally	...	...	...	31	1	6	...	2	22
Oherupenocode	...	...	...	26	1	5	20	2	18
Aikanom	...	...	...	25	1	7	4	3	3
Vadashari	...	...	...	28	1	6	8	3	4
Urapanavally	...	...	...	43	1	7	...	3	14
Karacode	...	...	...	26	1	7	...	3	14
Manacoodie	...	...	...	30	1	7	...	3	14
				1,408	61	367	20167	22	

The name of the Applicant and locality of the School.				Average daily attendance.	No. of Teachers.	Salary of Teachers.		Amount of grant per annum.	
Rev. I. H. HACKER.						Ra.	C.	Ra.	C.
Neyoor			...	67	2	12	14	6	7
Seynavellay	...	...	...	44	2	12	14	6	7
Kallioocottum	...		...	46	2	12	14	6	7
Mundacaud			...	55	2	12	14	6	7
Collachal			...	79	2	12	14	6	7
Thirroovancode	...		...	45	2	12	14	6	7
Kodiyoor		...	...	45	2	12	14	6	7
Kadalmalacoono	...		...	40	2	12	14	6	7
Mathicode	...	...	...	46	2	12	14	6	7
Vadacencary	...		...	41	2	12	14	6	7
Devicode			...	52	2	12	14	6	7
Vannanvellay	...	...	...	65	2	12	14	6	7
Pootatne	...		...	44	2	12	14	6	7
Ottakode	...		...	42	2	12	14	6	7
Kulicode			...	28	1	8	"	4	"
Ounnancode	...		...	49	2	12	14	6	7
Manalacaud	...	...	...	40	2	12	14	6	7
Sellamoonum		...	...	46	2	12	14	6	7
Auttoor	...		...	49	1	8	"	4	"
Pulipanom	...	...	...	40	2	12	14	6	7
Kullancoolly	...		...	26	1	6	"	3	"
Tottavaram		...	...	40	1	8	"	4	"
Poorancode	...	...	...	22	1	8	"	4	"
Anayadee	...	...	...	22	1	6	"	3	"
Moolachal	...		...	44	2	12	14	6	7
Palapullum	...	...	...	46	2	12	14	6	7
Kollavellay	...		...	20	1	6	"	3	"
Manthoor	...		...	24	1	6	"	3	"
Kunnanore	...	...	...	25	1	8	"	4	"
Karoongal		...	...	51	2	12	14	6	7
Porthalpulavellay	...		...	46	2	12	14	6	7
Sembenvellay	..		...	48	2	12	14	6	7
Mulakode	...		...	32	1	8	"	4	"
Anglo-Vernacular Boy's School	Neyoor		...	45	2	12	14	6	7
Do.	Girl's Do.	Do.	...	34	2	12	14	6	7
				1,488	60	384	14	192	7
Rev. S. MATHER (In charge Quilon.) Mission District.									
Aaramum	..	...	...	26	1	7	"	3	14
Mayanand	...		...	27	1	6	"	3	"
Maranaud	...	...	...	27	1	7	"	3	14
				80	3	20	"	10	"

The name of the Applicant and locality of the School.	Average daily attendance	No of Teachers.	Salary of Teachers	Amount of grant per mensem.
Revd C YESUDIAN			Rs C	Rs C
Tittioovellay	45	2	13	6 7
Anitope	43	2	13	6 7
Thalacoody	54	2	12	6 "
Sembenvellay	25	1	7	3 14
Kattupoothoor	29	1	7	3 14
Pulyadeo	27	1	6	3 "
Sagayanugui	33	1	7	3 14
Aranmoli	55	2	19	6 7
Kollanthoorooty	28	1	7	3 14
Revd WILLIAM LEE (In charge Parachallay Mission)	339	13	85	41 21
Serrovunkonum	43	2	12 14	6 7
Kulloomathooray	43	2	12 14	6 7
Kristocoll	50	2	12 14	6 7
Iranyaram	41	2	12 14	6 7
Canjeracode	50	2	12 14	6 7
Magivellay	40	2	12 14	6 7
Kulivellay	45	2	12 14	6 7
Aroomanay	42	2	12 14	6 7
Paluvy	26	1	7	3 "
Kolkoovanvellay	26	1	6	3 "
Panichimoodoo	25	1	7	3 "
Aroor	26	1	7	3 14
Karkode	27	1	6	3 "
Devicode	28	1	6	3 "
Maroothencodi	29	1	7	3 14
Pattavellay	26	1	6	3 "
Vengunchy	27	1	7	3 "
Coomathoor	31	1	7	3 "
Mathandapooram	31	1	8	3 "
Phynocollum	31	1	6	3 "
Viricudi	33	1	6	3 "
Araahucollum	28	1	6	3 "
Mullangnavellay	27	1	6	3 "
Kakaravellay	26	1	7	3 "
Coolthooray	26	1	8	3 "
Auttoonconum	28	1	6	3 "
Mangaray	27	1	8	4 "
Wottachary	25	1	6	3 "
Kulocollum	31	1	6	3 "
Vellamcode	27	1	6	3 "
Kilathoor	27	1	6	3 "
Palikal---	26	1	8	3 "
Kalikavellay	26	1	8	3 "
	1,044	41	267	197

The name of the Applicant and locality of the School.	Average daily attendance.	No. of Teachers.	Salary of Teachers.	Amount of grant per mensem.
Rev. S. MATEER.				
			Rs. C.	Rs. C.
Neyattankaray	44	2	12	6
Trevandrum Mission house ..	41	2	17	6
Chani	46	2	18	6
Paruthipally	28	1	7	3
Nellikakuri	43	2	12	5
Thorakal	27	1	6	3
Attangal	27	1	6	3
Kodianoorakonum ..	29	1	6	3
Karichal	31	1	5	2
Valaramapooram ..	27	1	6	3
Moolakonum	25	1	6	3
Venganoor ..	27	1	6	3
	393	16	102	47
Rev. R. H. MADDOX.				
Poothoopully	41	2	14	3
Wagathanom	31	1	6	3
South Erricate	27	1	6	3
Eramalloor	25	1	6	3
Pallam	43	2	10	5
Pabel	30	1	6	2
Kaunenpully	39	1	6	3
Chinganom	28	1	6	3
Amayanore	37	1	6	3
Olesha	25	1	6	3
Mistress Baker's School ..	41	2	18	6
Kandanada	45	2	16	4
Allenpey compound School ..	47	2	12	3
Mullakal	37	1	8	4
Cadapram	30	1	6	3
Kayapooram	28	1	6	3
Mohamail	27	1	6	3
	581	22	144	58
Rev. W. J. RICHARDS.				
Cottayam Model School ..	85	3	28	6
Lower Bazar or Thalathangadi ..	44	2	13	6
New Do. or Poothenangadi ..	40	2	14	4
Manganom	41	1	6	4
Karapura	42	1	6	3
Veloor	29	1	6	3
Manacandum	40	1	7	3
Thiroonakara Hindoo Girl's School ..	22	3	13	3
Karapura Do.	23	3	16	4
Kongani Brahmin Girl's School ..	23	2	12	3
Thiroonakara Chogan Do. ..	26	2	7	3
	415	21	128	43

The name of the Applicant and locality of the School.	Average daily attendance	No of Teachers	Salary of Teachers.	Amount of grant per mensem
Right Revd. Dr E. SARGENT BISHOP			Rs O	Rs O
Nadcoovally	39	2	12	6
Shampoovadaooray	41	2	12	6
Poolara	23	2	12	6
Revd F BOWER (In charge)	103	6	36	18
Mavalikaray Mission compound	28	1	6	3
Kattanom	26	1	6	3
Kaunt	30	1	6	3
Poothoopully	27	1	6	3
Krishnapooram	33	1	6	3
Cheruvalloor	26	1	6	3
Chenganore	28	1	6	3
Ngakanal	24	1	6	3
Omallee	52	1	6	3
Klappana	26	1	6	3
Baranikavoo	25	1	6	3
Mavalikara	43	1	6	3
Poonnakatta	20	1	6	3
Thavalakara	33	1	6	3
Peruvallikaray	25	1	6	3
Kodavallangi	38	1	6	3
Tiruvalluvar compound School	30	1	6	3
Kaviyoor	27	1	6	3
Thalavady	27	1	6	3
Karakal	39	1	6	3
Poovalthoor	25	1	6	3
Malapully	35	2	12	6
Thavencara	38	1	6	3
Anikatta	45	1	6	3
Hindu Girl's School	21	1	8	4
Anglo Vernacular School	32	2	26	4
Mission compound Girls School	27	1	6	3
Kurianoor	45	1	6	3
Niranom	21	1	6	3
Most Revd. Mar ATHANASIUS	905	31	202	92
Neeranom	21	1	6	3
Mannanthottoovally	40	2	14	6
Valungavattam	27	1	5	2
Karunelam	30	1	5	2
Nadocompram	25	1	8	4
Karakal	25	1	8	4
Maranamnu	33	1	7	3
Kurianoor	45	1	8	4
Do West	34	1	7	3

The name of the applicant and locality of the School	Average daily attendance	No of Teachers	Salary of Teachers	Amount of grant per mensem.
Most Revd. Mar ATHANASIUS			Rs. C.	Rs. C.
Nadoomprayar	33	1	7	3 14
Thottoopoolasherry	44	1	8	4 4
Edacharymallay	27	1	7	3 14
Kollanchari	28	1	7	3 14
Oherakara	27	1	5	2 14
Melcara	26	1	6	3 "
Iyloor ..	34	2	12	6 "
Ootathoor	27	1	6	3 "
Eraviparoor	48	2	14	6 7
Ngalpangum	25	1	8	4 "
Kavyoor	27	1	5	2 14
Thalavady	27	1	5	2 14
Anaprambun	32	1	7	3 14
Edthooval	34	1	4	2 "
Oomayattenkara	37	1	8	4 4
Vanvali	39	1	4	2 "
Aula	33	1	7	3 14
Mundencavoo	39	1	8	4 4
Boodanoor	28	1	7	3 14
Peyar	40	1	7	3 14
Parasherry	34	1	5	2 14
Omaloore	27	1	8	4 "
Parriarum	27	1	5	2 14
Erumathoor ..	39	1	4	2 "
Vanmani	37	1	7	3 14
Do Thalathoo	26	1	8	4 "
Thalakara	36	1	7	3 14
Panthallam	39	1	8	4 "
Vathicoolum	25	1	8	4 4
Thoompamam	36	1	8	4 "
Chapaud	36	1	7	3 14
Valisoolly	49	1	7	3 14
Pallipaud	25	1	7	3 14
Malpandam	46	2	15	6 7
Cunnencode	37	1	4	2 "
Cadampanaud	43	1	6	3 "
Poroovally	26	1	5	2 14
Kottarasaray	27	1	4	2 "
Pooypully	28	1	4	2 "
Ohanocollum	42	1	5	2 14
Callada ...	30	1	4	2 "
Chandara	28	2	12	4 "
Thalashangandy	26	1	7	3 "
Korada	25	1	6	2 "
Paravoorthara	26	1	4	2 "
Thalava	26	1	4	2 "
Ellanjumale	26	1	4	2 "

The name of the Applicant and locality of the School.	Average daily attendance.	No. of Teachers.	Salary of Teachers.		Amount of grant per mensem.	
Most. Revd. Mar ATHANASIUS.			Ra.	C.	Ra.	C.
Karamma ...	28	1	7	"	3	14
Poothencavoo ...	34	1	8	8	4	4
Thriparanthara ..	29	1	7	"	3	14
Manoury ...	39	1	7	"	3	14
Mattum ...	27	1	7	"	3	14
Pullenplah ..	27	1	7	"	3	14
Corathicoud ...	29	1	7	"	3	14
Do. North ...	25	1	7	"	3	14
Mongarom ...	42	1	8	"	4	"
Poovathoor West ..	30	1	8	"	3	"
Do. East ...	28	1	8	"	4	"
Mullapulaserry	27	1	7	"	3	14
Poonnacut	26	1	8	"	4	"
Cavoombangum .	50	1	8	"	4	"
Chathencari .	34	1	8	8	4	4
Vanchitthra	50	1	7	"	3	14
Poonnamoottum	30	1	8	"	4	"
Thavalakara ..	43	1	6	"	3	"
Oayencoodlum ...	31	1	8	8	4	4
Thalavady .	27	1	7	"	3	14
	2,149	87	570	18	282	15
Most Revd. Mar DIONYSIUS.						
Paracut Thackapooradam	34	1	4	"	2	"
Thripalathoor .	35	1	5	"	2	"
Marnaud	26	1	8	"	4	"
Kaipathoor .	30	1	6	"	3	"
Thirroovanchur .	27	1	6	"	3	"
Oherupallipooradam .	30	1	7	"	3	"
Pallialakum	37	1	6	"	3	"
Pampalasherry	51	1	8	"	4	"
Kavoombangum	62	1	10	"	5	"
Vampanla ...	27	1	5	"	3	"
Varoomalay moorie West .	30	1	8	"	3	"
Paroomalay .	26	1	7	"	3	"
Errupallipa	35	1	7	"	3	"
Thackoombaugum	41	1	7	"	3	"
Manaur ...	39	1	7	"	3	"
Vijayapooram ..	28	1	6	"	3	"
Madathoombaugum	48	1	9	"	4	"
Poothoocherry ...	48	1	10	"	5	"
Kottamoorie ...	27	1	5	"	2	"
Kadacud ...	35	1	8	"	4	"
Macacoonnoo .	30	1	9	"	4	"
Ooomballay ...	30	1	10	"	4	"
Omalloor ...	34	1	7	"	3	"
Ooommanom ...	30	1	5	"	2	"
Manacoonnum ...	29	1	5	"	2	"

The name of the Applicant and locality of the School		Average daily attendance.	No of Teachers.	Salary of Teachers.		Amount of grant per mensem.	
Most Revd Mar DIONYSIUS.				Rs.	C.	Rs.	C.
Thackanparavoor	...	33	1	7	"	3	"
Paravam Church	...	27	1	6	"	3	"
Poothoocollum	...	41	1	7	"	3	"
Kakoorookarayal	...	35	1	8	"	4	"
Mamalachari	...	29	1	5	"	2	"
Keelmoorikaray	...	31	1	7	"	3	"
Mamoorukaray	...	45	1	8	"	4	"
Cothamungalom	...	30	1	8	"	4	"
Pampacode	...	25	1	5	"	2	"
Poothoomanaparambo	...	25	1	7	"	3	"
Coothattookoolungaray	...	34	1	6	"	3	"
Thurroomanyoorara	...	40	2	11	"	6	7
Thanmanimootum	...	28	1	7	"	3	"
Cottoomanoorara	...	29	1	5	"	2	"
Marangattoocaray	...	27	1	6	"	3	"
Bramapooram	...	31	1	10	"	5	"
Mathacoolly	...	32	1	8	"	4	"
Mylapral	...	41	1	6	"	3	"
Coomaracum Church	...	54	2	23	"	6	7
Varookattakal	...	48	2	16	"	6	7
Varoovelgom	...	40	2	13	"	6	7
Anthooraray	...	30	1	5	"	2	"
Poothoocherry coolly	...	27	1	8	"	3	"
Panamcoonnoc	...	29	1	6	"	2	"
Allakal	...	26	1	6	"	3	"
Ramungalom Church	...	28	1	5	"	2	"
Poothoocherry	...	25	1	5	"	2	"
		1,757	56	391	"	173	"
Rev. J. DUTHIE							
Nagercoil Boys' School	...	89	3	19	4	6	7
Do. Girls' Do.	...	105	3	19	14	6	"
Vadasherry Do. Do.	...	42	2	11	"	6	"
Nagercoil Do. Do.	...	28	2	12	"	3	14
Kottar Boys' School	...	43	1	8	10	3	14
		307	11	70	"	25	7
Dr. T. S. THOMSON.							
Eraniel	...	50	4	20	"	6	"
Thigovancode	...	20	3	8	4	4	"
Takalhay	...	53	2	7	"	3	"
Auttoor	...	21	1	4	"	2	"
		144	10	39	"	15	"

The name of the Applicant and locality of the School.	Average daily attendance.	No. of Teachers.	Salary of Teachers.		Amount of grant per annum.	
			Rs.	C.	Rs.	C.
PATHAROO.						
Poolicherry	35	1	7	..	3	..
CRUSO						
Kakottoomoolay	35	1	7	..	3	..
VALOO PILLAY.						
Thackakottaram, Mavalikaray Proverthy Mavalikaray District	47	2	12	14	6	7
PULPANABEN NARAYANEN.						
Thackoomthalapooraidam Karoomanthala- thoo, in Naimum Proverthy, Neyatten- karay District	55	1	8	16	3	14
RAMEN RAMEN.						
Varoovelagum Pooraidam, Poonapooram Mooris, Vanjiyoor Proverthy, Trevan- drum District	42	1	5	..	1	14
NARAYANA PILLAY.						
Panavelagum Pooraidam, Vayamala Mooris, Palcoollungaray Proverthy, Trevan- drum District	39	1	7	..	3	14
IYEPPEN OODAYAN:						
Panavelagum Pooraidam, Aicara Vaedoo, Mooriyel, Nallamom Adigaram, Trevan- drum District	47	1	7	..	2	14
PARAMASWAREN VALAYUDEN.						
Samavallay Pooraidam, at Poothenchanthay, Trevandrum District	44	1	6	..	2	14

CARDAMOM DEPARTMENT.

O. H. Bensley, B. A. Superintendent & Magistrate
Cardamom Hills.

CUSTOMS DEPARTMENT.

J. Rohde	...	...	Customs Master, Alleppey.
Bajanga Iyer, B. A.	...	...	Supt. of Customs, Alleppey.
Harihara Iyen	..	...	Do. Tangacherry Range.
Shiva Soobramoneya Pillay	..	...	Do. Ariencavoo do.
C. Krishna Iyen	...	...	Do. Aramboly do.
Pitchoo Iyen	...	...	Do. Poonthoray do.
Sooba Row	...	...	Do. Colachel do.
R. LaBouchardiere	...	...	Do. Areecooty do.
Ramen Pillay	...	...	Do. Moonumbem. do.

MARYVILLE GARDEN, PERKRADE.

Superintendent and Magistrate of the Cardamom Hills,
In charge.

P. Pilo Clerk.

BOUNDARY SETTLEMENT COMMISSION.

Commission for the Settlement of Boundary between Travancore
and Cochin.

T. Rama Row...	..	...	Commissioner.
P. Mathaven Pillay	...	...	Sheristadar.

COFFEE DEPARTMENT.

W. T. A. Cosby Superintendent and Magistrate
Southern Coffee District.

British Government Institutions and Offices in Travancore.

Chaplaincy of Trevandrum.

Rev'd. John Black, B. A. Chaplain.

Justices of the Peace in Travancore.

W. E. Ormsby, M. A. LL. D., Barrister-at-Law... Trevandrum.
 R. Harvey, M. A. LL. D. Do. (on furlough.)
 Major W. D. Brodie Ketchen Do.
 W. T. A. Cosby Asahambhu.
 J. Rohde Alleppey.
 O. H. Bensaley, B. A. Peermade.

Military Family Payments and Pensions, Trevandrum.

Captain W. Miller In charge.

Post.

E. H. Gregory,

Superintendent of Post Offices, Palamcottah Division.

S. Theravium Pillay Ag.	... Post Master	Trevandrum.
J. D'Souza	... Head Clerk	Do.
S. Kanagasabapatty Pillay Ag.	2nd Clerk	Do.
T. Chinniah Naidoo	... 3rd Clerk	Do.
V. N. Ramakristna Iyer	.. Pro. Do.	Do.
T. Pedhu Naidoo	... Sub-Post Master	Nagercoil.
Thanoomallaparumal Pillay Ag.	Do.	Quilon.
I. Mooroooghen Asary	... Pro. Clerk	Do.
I. Soobramania Pillay	.. Deputy Post Master	.. Alleppey.
Veerappah Pillay	... Clerk	Do.
Stephen Leone	... Sub-Post Master	.. Cottayam.
T. Krishnaswamy Chetty	... Do.	Shertalay.
F. Francis Leone	... Do.	Colachel.
K. Subbiah Pillay	... Do.	Asahambo.
M. Rasura Pillay	... Do.	Anjengo.

Electric Telegraph.

L. V. Fraser,

Assistant Superintendent, Cochin Sub-Division—In charge.

S. C. Mutusamy	Telegraph Master	.. Alleppey.
C. R. Ferguson	Do.	... Quilon.
L. O. Gomes	Do.	... Trevandrum.
J. T. Winckler	Do.	... Nagercoil.

Indian Marine.

J. D. Chatterton Superintendent, British Government Light-house, Muttam.

Sub-Magistrates.

Brasa Menon Anjengo.
 G. Laporte Tangacherry.—Employed by the Sircar to superintend its farm of Tangacherry.

THIRTY-FOUR SOVEREIGNS OF TRAVANCORE

IMMEDIATELY PRECEDING HIS HIGHNESS THE PRESENT

MAHARAJA.

NAME.	Date of Accession to the Musnud.	Length of Reign.
1 Sri Veera Rama Marthanda Varma Raja	1335-36	40
2 Errawee Varma Raja.....	1375-76	7
3 Kaler Kulasekhara Perumal (<i>for a short time</i>).....	1382-83	
4 Chera Oodeah Marthanda Varma Kulasekhara Perumal Raja	1382-83	62
5 Wansut Mootu Raja	1444-45	14
6 Sri Veera Marthanda Varma Raja	1458-59	13
7 Addittea Varma Raja	1471-72	7
8 Errawee Varma Raja.....	1478-79	25
9 Sri Marthanda Varma Raja	1503-04	
10 Sri Veera Errawee Varma Raja	1504-05	24
11 Marthanda Varma Raja.....	1528-29	9
12 Oodeah Marthanda Varma Raja	1537-38	23
13 Kerala Varma Raja	1560-61	3
14 Addittea Varma Raja	1563-64	4
15 Oodeah Marthanda Varma Raja	1567-68	27
16 Sri Veera Errawee Varma Kulasekhara Perumal Raja..	1594-95	10
17 Sri Veera Varma Raja	1604-05	2
18 Errawee Varma Raja.....	1606-07	13
19 Oonnee Kerala Varma Raja.....	1619-20	6
20 Errawee Varma Raja.....	1625-26	6
21 Oonnee Kerala Varma Raja.....	1631-32	30
22 Addittea Varma Raja.....	1661-62	16
23 Oomayammal Rancee	1677-78	7
24 Errawee Varma Raja.....	1684-85	34
25 Oonnee Kerala Varma Raja.....	1718-19	6
26 Rama Varma Raja.....	1724-25	5
27 Vanoohi Marthanda Varma Kulasekhara Perumal Raja..	1729-30	29
28 Vanoohi Bala Rama Varma Kulasekhara Perumal Raja..	1758-59	40
29 Bala Rama Varma Kulasekhara Perumal Raja.....	1798-99	13
30 Rancee Gourree Letahmy Bhye.....	1811-12	4
31 Rancee Gourree Parwathy Bhye	1815-16	14
32 Vanoohi Bala Rama Varma Kulasekhara Perumal Raja	1829-30	18
33 Vanoohi Bala Rama Varma Kulasekhara Perumal Baghiodya Marthanda Varma Raja	1846-47	13
34 Vanoohi Bala Rama Varma Kulasekhara Perumal Baghiodya Rama Varma Maha Raja G. C. S. L.....	1860-61	19
HIS HIGHNESS the present Maha Raja	1879-80	

British Residents of Travancore and Cochin.

Colonel C. Macaulay, appointed in 1800, relieved 4th March 1810.
 Colonel J. Munro, appointed 23rd March 1810, relieved 24th January 1819. [1820.
 Colonel S. McDonall, appointed 23d April 1819, died 7th November 1820.
 Colonel D. Newall, C. B., appointed 15th February 1821, relieved 1st May 1827. [December 1829.
 Colonel W. Morison, C. B., appointed 13th March 1827, relieved 7th May 1829.
 Lieut.-Colonel E. Cadogan, (acting), appointed 25th December 1829, relieved 24th June 1834. [ary 1838.
 J. A. Casamajor, Esq., appointed 14th April 1834, relieved 12th January 1838.
 Colonel J. S. Fraser, appointed 5th January 1836, relieved 15th August 1838.
 Captain A. Douglas, (acting,) appointed 3d August 1838, relieved 1st November 1839. [July 1840.
 Lieut.-Colonel T. Maclean, appointed 4th October 1839, died 31st December 1840.
 Lieut.-General W. Cullen, appointed 8th September 1840, relieved 11th January 1860. [1862.
 F. N. Maltby, Esq., appointed 1st January 1860, relieved 1st May 1862.
 Wm. Fisher, Esq., appointed 1st May 1862, relieved 7th April 1864.
 H. Newill, Esq., appointed 15th April 1864, on Privilege leave 1867.
 A. MacGregor, Esq. (acting) appointed 26th February 1867, relieved 27th May 1867. [1869
 H. Newill, Esq. resumed Office 27th May 1867, relieved 25th March 1869.
 G. A. Ballard, Esq., appointed 29th March 1869 on furlough 1870.
 J. I. Minchin, Esq., (acting,) appointed 31st March 1870, relieved 22nd June 1871. [1874.
 G. A. Ballard, Esq., resumed Office 22nd June 1871, on privilege leave 1874.
 Major A. F. F. Bloomfield (acting,) appointed 13th July 1874, relieved 14th October 1874.
 G. A. Ballard Esq., resumed Office 14th October 1874, on other duty 1875.
 Major W. Hay, (acting) appointed 19th April 1875, relieved 11th October 1875. [March 1877.
 A. MacGregor Esq., appointed 11th October 1875, to Europe M. C. 10th H. E. Sullivan Esq., (acting) appointed 10th March 1877, relieved 20th February 1878. [28th March 1879.
 J. C. Hannyngton Esq., (acting) appointed 20th February 1878, relieved 28th March 1879.
 A. MacGregor Esq., resumed Office 28th March 1879.

Swans of Travancore.

Oomany Thumbay	..	1808.
Deven Pulpanauben	..	1814.
Shangoo Annavey	...	1815.
Ramen Menoven	..	1816.
Vencutrow	..	1817.
Vencata Row	..	1822.
Soobrow	..	1830.
R. Runga Row, (acting)	...	1837.
B. R. Vencata Row	...	1838.
Soobrow	..	1839.
V. Kristno Row, (in charge)	...	1842.
Vencutrow	...	1843.
Sreeneevassa Row, (in charge)	..	1845.
V. Kristno Row	...	1847.
Sir T. Madava Row	..	1858.
A. Sashiah Sastri	...	1873.
N. Nanoo Pillay	...	1877.
The Hon'ble V. Ramiengar C.S.I.	...	1880.

CHRISTIAN MISSIONS IN TRAVANCORE.

PROTESTANT.

London Missionary Society.—Commenced 1805.

MISSION STATIONS.	WHEN COM- MENCED.	MISSIONARIES.	TIME OF ARRIVAL IN TRAVANCORE.	NO. OF CON- GREGATIONS.	NO. OF CHURCHES. AND.	NO. OF SCHOOLS.	BOYS IN SCHOOLS.	NO. OF SCHOOLS.	CHURCHES AND.
Nagerecoil	1809	Rev. James Duthie	1859	66	8,797	54	2,135	773	773
Do. Native Pastorate	1866	" William Lee	1865	2	1,174	..	..	..	..
Tittivilei	1866	" J. Joshua	(Native)	12	1,824	13	473	83	83
Keyoor	1828	" C. Yesudian	(Native)	58	7,909	42	2,324	572	572
Do. Native Pastorate	1866	" I. H. Hacker	1877	2	728	..	..	..	..
Pareychaley	1845	Dr. T. S. Thomson, L. B. C. P. & L. R. C. S. E.	1873	76	13,830	45	1,798	219	219
Trevandrum	1838	Rev. S. Zechariah	1865	39	4,752	21	534	167	167
Quilon	1821	" William Lee, (in charge)	1868	8	739	8	156	47	47
		" James Emlyn	1859	263	39,753	183	7,420	1,260	1,260
		" Samuel Mateer, (in charge)	1859						

Nagerecoil Seminary.

London Mission Press, Nagerecoil.

Principal Rev. James Duthie.
Assisted by . . . 6 Native Teachers.

Work done in Pages.

English 75,213.
Malayalam 12,000.
Tamil 1,787,351.
Total . . . 1,874,564.

• In England. Total 5 European Missionaries.
18 Native Missionaries and Pastors.

The Right Reverend J. M. SPENCER, D. D., Bishop of Travancore and Cochin.

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CATHOLIC.

Vicariate Apostolic of Malabar.—Established in December 1859.

His Grace the Most Rev. Fr. Leonard of St. Louis, O. S. A., Archbishop of Nicomedia, and Vicar Apostolic, arrived in India and Travancore 1861.

The Right Rev. Fr. Marcellino of St. Teresa O. S. A., Bishop of Porto, and Coadjutor to the Archbishop, entitled with the right of future succession as Vicar Apostolic, arrived in India and Travancore 1864.

Stations.	Missionaries	Time of Arrival in Travancore.	No. of Christians.	No. of Schools.	No. of Boys in Schools.	No. of Girls in Schools.	No. of Students in Theological Seminaries.	Convents.		Printing establishments.
								Stations.	Inmates of each convent.	
Coonsaw	The Very Rev. Father Philip of St. Joseph O. S. A. Vicar General	1864	231,960	6	600	2,929	208	Magnamoy	83	Parochial Churches ... 4
Cochin	Rev. Fr. Cherubin of St. Louis O. S. A. Vicar	1864						Coonsaw	85	Chapels ... 39
Puthempally	Rev. Fr. Camillus of the Presentation O. S. A. Rector of the Seminary	1870						Manam	25	Latin Priests ... 39
Magnamoy	Rev. Fr. Candidus of the Sac. Heart of Mary O. S. A. Superior of the Convent	1870						Varatollam	9	Seminaries ... 6
Alleppey	Rev. Fr. Celestine of the Cross, O. S. A.	1870						Podingono	7	Catechumens ... 8
Magnamoy	Rev. Fr. Augustine of St. Mary O. S. A.	1871						Ambaracado	10	
Cochin	Rev. Fr. Raimbault of St. Elias O. S. A.	1876						Valluley	17	
Puthempally	Rev. Fr. Eusebius of St. H. of Jesus O. S. A.	1878						Cochin	8	
Verepally	Rev. Fr. Elias of St. Joseph O. S. A.	1878						Armatocary	11	
Chattanam	Rev. Fr. Bonaventura of St. Francis	1878								
Arthungal	Rev. Fr. Ireneus of St. Mary O. S. A.	1879								
Puthempally	Rev. Fr. Polycarp O. S. A.	1879								

Bishopric of Cochín. **The Very Revd C C Nazareth,—residence—Culion**

MISSION STATIONS	No of CHRISTIANS	MISSIONARIES	TIME OF ARRIVAL IN TRAVANCORE	No of CHRISTIANS	No of Schools			No of Boys in School	No of Girls	SERVANTS AND COLLECTS
					Portuguese and Malabar	Tamil and Malabar	English			
I In Travancore										
Alleppey and Mattanigudi	5	Rev. J B. Furtado	1878	246	2	3		25	26	1 Summary
Arrocha	4	A B. Neves rector in Summary	1879	119				10	6	
Canigadam	1	P. Rozar o	1877	2410		1		106	37	
Chetuv	1	J N. Pereira	1874	423		1		98	32	
Erivina	4	A F. Antunes	1874	438		1		15	6	
Madugam	4	C Silva	1868	1471		1		48	16	
Pedra (Tiruvandrum)	2	M B. Cruz	1865	932		1		40	13	
Pooncherry	2	P A B. S.	1874	1272		1		40	13	
Quilon	1	J B. Almeida Souza	1879	1260		1		43	15	
Tumpely	1	A E M. b A Sardinha	1880	125		1		22	14	
Tutur	4	A S. A. Vas	1880	1818		1		32	14	
Vasaberry & Cape Comara	4	S Silva	1879	1164		1		173	89	
Vaddy and Tumpcherry	3	G B M. Torres	1874	2758		1		73	27	
Vallacherry	3	J P L. Foucea	1860	1381		1		49	16	
Valley	4	D A J. Souza	1867	1301		1		70	29	
II In COCHIN										
Amambady	3	R X. Terrath	1867	1397		1		9	3	
III In COLONIAVEL COAST										
Aur	23	J B. Gonzer	1869	6443				96	5	
Cannur	12	P L. Cruz	1869	1878				21	4	
Gudalle	4	J B. Mendes	1878	1878				61	9	
Medura and Dindigul	26	D E. D. Cruz	1878	1878				29	6	
Malayilipathy	12	R B. P. Furtado	1878	1878				25	8	
Manjeri	2	J B. P. Costa	1878	1878				25	8	
Malapattah	6	J C. Simoes	1878	1878				106	14	
Oror	19	D M. Booth	1878	1878				92	24	
Punalai	8	J B. J. M. Carvalho	1878	1878				32	3	
Talavara	4	P X. Pereira	1878	1878				32	3	
Vypar	3	C Souza	1878	1878				32	3	
		M C. Coelho	1878	1878				32	3	
		A G. Castellino	1878	1878				32	3	
		J. Rende	1878	1878				32	3	
		C. Fernando	1878	1878				32	3	

Arch Bishopric ad honorem of Cranganore.
The Very Rev. C. C. Nazareth, Acting Vicar General—residence—Quilon.

MISSION STATIONS.	MISSIONARIES	NO. OF CHRISTIANS.	NO. OF SCHOOLS.	
Maneloor	Rev. Pauls Taniel Cathanar	200	...	
Trichoor	Jacob Cathanar	600	1	
Cheer	Shungatun Guivargues Cathanar.	150	...	1 Seminary at Alwaye.
Arnstootocaray	Jacob Vicar of Trichoor in charge	1100	1	Rev J. M. Clemente vice Rector.
Chittatur	J. Athanas Cuttur Cathanar	...	...
Palenr	Vallapally Joanen (Assistant)	100	1	
Parety	Do. in charge.	600	...	
Valleanado	Attalaray Ansebo Cathanar	800	...	Rev. Ansebo Alphonso, Professor of Syrian language.
Poothenchiray	Committed to the charge of Verapoly Vicar	300	1	
Quasengaray	Do.	350	...	
Coomaragom	Vuttacoolath Ansebs Cathanar	150	...	
Cadatoorty	Cirnichiray Jacob Cathanar	1550	3	Rev. G. Bannes, Professor of Malayalam.
	Pallicoonel Ansebo Cathanar	...	1	Number of Students 13.
Elanhill	Acamparumbil Mathaye Cathanar (Assistant)	670	...	
	Killakel Mathoony Cathanar	200	...	
Corolorgant	Manapally Abraham (Assistant)	200	...	
Changanacherry	Killakel Thoma Cathanar	200	...	
	Cadavil Ansebo	200	...	

The other Churches and many Christians belonging to the Arch Bishopric ad honorem of Cranganore are partly at present under the jurisdiction of the Right Rev. Vicar Apostolic of Verapoly and partly under Right Rev. Bishop J. E. Molina.

TRADE LIST.

Alleppey.

NO.	NAMES OF MERCHANT FIRMS.	NAMES OF RESIDENT PARTNERS OR OWNERS.	NAMES OF AGENTS.
1	James Darragh	James Darragh	
2	B. W. Dow	...	Abbot L. Dow.
3	J. Andrew and Co.	...	W. J. Woosley.
4	George Brunton	...	Robert Brunton.
5	Hadji Jacob Hadji Joseph	Hadji Mahomed Hadji	
6	Hadji Elias Hadji Hoosman	Jacob Hadji Elias Hadji Joseph	
7	Hadji Issa Sally Mahomed & Sons	Hadji Assem Hadji Essa	
8	Abdosotor	Abdosotor Hadji Kador	
9	Haron Ismal	Haron Ismal	
10	Samjee Pudumsee		Rajsee Makajee.
11	Jeyram Jeykrishnan	Jeyram Jeykrishnan	
12	Hadji Moosa Hadji Ohamed	Ganpi Omersey, Partner	
13	Laljee Vissenjee	Laljee Vissenjee	
14	Mahomed Abeokoor	Mahomed Abeokoor	
15	Ahamed Royah & Brothers	Ahamed Royah	
16	Yadavajee Raghavajee	Yadavajee Raghavajee	
17	Hadji Ibrahim Issa	Hadji Ibrahim Issa	
18	Krishna Pillay	Krishna Pillay	
19	Adam Hadji Elias	Adam Hadji Elias	
20	Jeyraj Laljee	Jeyraj Laljee	
21	Moothookrishna Pillay	Moothookrishna Pillay	
22	Gokuladas Veerajee	Gokuladas Veerajee	
23	Karmasee Keythsee		Moodjee.
24	Joseph Ismal	Joseph Ismal	
25	Satorha Mahomed	Hadji Abdulkadar Partner	
26	Keeridas	Keeridas	
27	Lathanadarajee	Mathran Das	
28	Obdur Homan	Obdurhoma	
29	Hadji Abobekir & brothers	Hadji Abobekir	
30	Kay & Coonjoo	Kay & Coonjoo	
31	Hadji Mahomed Hadji Moosa	Hadji Mahomed Hadji Moosa	
32	Ramdas Pey Raj	Ramdas Pey Raj	
33	Hadji Abee & Sons	Hadji Abee Ahamed	
34	Pichavappoo Ravoothar	Pichavappoo Ravoothar	
35	Manjee Rajhavajee	Manjee Rajhavajee	
36	Chako	Chako	

QUILON

Names	Trade
Peasea Set	Rice, pepper and copra
Samjee Gokuldoes	Rice, coir, &c
Shuther boy Set	Rice, cotton, country twill, &c
Tricomjee Set	Rice coir, gram, &c
Jacob Set	Piece goods millinery, &c
Issac Set	Piece goods, &c
Veeraswamy Moodahar	Timber, &c
Secunder Bava Saib Shak Mohideen	Timber, rice, &c
Narumboo	Timber, &c
Coothu Pillay	Piece goods, &c
Sheid Coonjoo	Timber, tobacco, &c
Cochasen Coonjoo	Piece goods, millinery, &c
Sheid Mahomed	Tobacco, &c
Coyah ..	do &c
Mideen Coonjoo	do &c
Veerapathren	Timber, &c
Keery Putter	Pepper, sugar, &c
Kadervava	Timber &c
Wuddalen Cooty Mahomed	Rice, &c
Karootha Sooboo	Rice, gram, &c
Nullacunnoo Pillay	do do &c
Hadjee Issac	Coir, rice, &c
Joonjathann Cootu	Rice, &c
Ramanachandren Putter	Pepper gram, &c
Krishna Putter	do do &c
Adima	Rice, &c
Narayana Pillay	Country cloths, &c
Ivathu Chithembrem Pillay	do do &c
Bagoo Putter	Pepper, gram, &c
Kashava Pillay	Country cloths, &c
Chittanicurry Coonjoo	Piece goods &c
Kamethee	Oil &c
Vengadaswarem Putter	do
Alli Lethah	Rice, copra coir, piece goods
Perumaul Pillay	Wine and spirits
J P Shodalay	Wine and spirits and preserved provisions
Pitcha Pillay	do do do

TENVANDRUM.

Names.	Trade.	Locality.
Hadjee Osman Junis ...	Piece goods, metals	Chalay.
Hadjee Abubker Hadjee Ahmed ...	Do.	Do.
Jaffer Xa Baria ...	Do.	do.
Satheca Jusape ...	Do.	do.
Alajee Hussan ...	Do.	do.
Omer Abbah Miah ...	Do.	do.
Jusape Aram ...	Do.	do.
Omer Satheca ...	Do.	do.
Salomamed Abdulla ...	Do.	do.
Ivram Abbah ...	Do.	do.
Hassan Abubaker ...	Do.	do.
Hadjee Hussan Junis ...	Do.	do.
Hadjee Hussan Careem Mahomed.	Do.	do.
Hadjee Cameasa Ismal ...	Do.	do.
Hadjee Assan Abbah ...	Do.	do.
Assan Hoommer ...	Do.	do.
Hadjee Abdul Shukur ...	Do.	do.
Hadjee Assan Hadjee Hoommer ..	Do.	do.
Hadjee Satheca Hadjee Hoommer	Do.	do.
Adam Hadjee Omer ...	Do.	do.
Ischa Abdul Rahum ...	Do.	do.
Ismail Abubaker ...	Do.	do.
Hadjee Abeeb & Sons	Do.	Attakoolangaray
Ramaswamy Pillay	Do.	do.
Mahomed Ahamed ..	Do.	Danionment
Armoogum Krishnen ...	Country Cloth	Chalay.
Neelakunden Thanuvan ..	Do.	do.
Sivathann Neelakunden ...	Do.	do.
Vengadathreion Pulpooien	Do.	do.
Rama Subbien ...	Do.	do.
Kanakathi Mirasa Ravoothor ..	Do.	do.
Atham Vawa Pakcer Ravoothor ...	Do.	do.
Thumby Meeran Mytheen ..	Do.	do.
Sashien ...	Do.	do.
Vengadasubbien ...	Do.	do.
Vengadaswamyien ...	Do.	do.
Kanaku Pulpauaben Mathaven ...	Do.	do.
Coonangany Sivanandy ...	Do.	do.
Chombagam Pillay ..	Do.	Kythamalakko
Sivathann Pillay ..	Do.	do.
Coonangany Pillay ...	Do.	do.
Chinniyan Pillay ...	Do.	do.
Shungaralingam Iyamperumal ...	Rice	Chalay.
Veerabiahoo Ananchaperumal ...	Do.	do.
Soobien Varadian ...	Do.	do.
Vencata Narayana Iyen Krishna		do.
Iyen...	Do.	do.

TREVANDRUM.

Names.	Trade.	Locality.
Sashien Ramasubbuien	Rice	Challay.
Soobien Ramaswamy Iyen	Do.	do.
Iyavavien Vengoo Iyen	Do.	do.
Sankamaswara Iyen Anthy Iyen...	Do.	do.
Soondralingam Pillay	Do.	do.
Muthuswamy Shungaralingam ..	Do.	do.
Sesha Iyen	Do.	do.
Vengadaswara Iyen	Do.	do.
Subbien Thava Raj Iyen	Do.	do.
Andy Iyen Pulpoo Iyen	Do.	do.
Pichu Iyen Rama Iyen	Do.	do.
Ganapathien Pulpanabien	Gold & Jewellery	do.
Krishna Iyen	Do.	do.
Anandakrishna Iyen Muthien ..	Do.	do.
Rama Iyen Narayana Iyen ..	Do.	do.
Subien Krishna Iyen	Do.	do.
Tharma Raj Iyen	Do.	do.
Muthuen Ramasubbien	Do.	do.
Narayana Iyen Muthuen	Do.	do.
Rama Iyen Narayamen	Do.	do.
Kongany Pappoo	Do.	do.
Ramasubbien Muthien	Do.	do.
Ganapathy Iyen Tanu Iyen	Do.	do.
Subbien Muthien	Do.	do.
Krishna Iyen Ganapathy Iyen ..	Do.	do.
Andy Soobramanian Pillay	Sowcar	do.
Shungara Subbien	Do.	do.
Rama Subbien	Do.	do.
Chodalamuthu Tharavium	Tobacco	do.
Sivakurunathan Arunasalam	Do.	do.
Navasivayam Akemaden	Do.	do.
Muthu Iyen Harihara Iyen	Do.	do.
Vyrvanatha Pillay	Do.	do.
Viruthupatty, Kana. Ena. Ana. Tyal Nadan ..	Do.	do.
Subiah Pillay	Do.	Kythamukko.
Oommar Kannu	Do.	do.
Musthan	Do.	do.
Thalava Padalingam	Timber	Challay.
Narayana Pillay	Do.	do.
Kylasom Subramanyan	Do.	do.
Muthuswamy Ruttiar	Do.	Landing place.
Mydeen Pillay	Do.	do.
Perumal Pillay	Do.	do.
Cochoo Cootty	Do.	do.
Antony Joseph	W. H. Spirits & Preserved Fruit - etc. &c.	Cochin.
T. L. Gomez	Do.	do.

TREVANDEUM.

Names.	Trade.	Locality.
P. Moreira	Wine, Spirits & Preserved Provisions	Customment.
O. S. Ganapathy, Agent O. F. R. Torres...	Do.	do.
M. Pereira	Do.	do.
J. D. Pereira	Do.	do.
Jeya Chetty Baboo, Agent G. V. Coelho .	Do.	do.
E. Lopic	Do.	Pethamethothay
V. Manuel	Do.	Pettah.
A. Govinda Row	Do.	Chalay.
Ramasoobien	Druggist	do.
T. I. Croning	Cabinet Maker and Coach builder	Customment.

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COLACHEL.

SCOTTISH INDIAN COFFEE COMPANY (LIMITED.)

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DIRECTORS.

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 Estate Inspecting Agent... .. George MacLennan.
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 Assistant B. C. Wotherspoon.
 Engineer J. S. Lumsden.
 London Agents P. Grant & Co.

BRANCH OFFICE AT QUILON.

Agent D. G. Cameron.
 Assistant... .. J. F. Carruthers.

British Indian Steam Navigation Company (Limited.)

Rates of Freight and Passage from Colachel.

Ports.	Distance in Miles	Freight per Ton.	Passage	
			Cabin.	Deck.
Alleppey ..	98	to Agent.	20	4
Cochin ...	132		40	7
Narakkal ..	142		50	10
Beypore ...	222		65	13
Calicut ...	233		80	16
Tellicherry ...	272		90	18
Cannanore ..	285		100	20
Mangalore ...	362		105	21
Carwar ..	494		110	22
Goa ...	542		120	24
Vingoria ...	570	on Application	25	5
Rutnagherry ..	646		45	9
Bombay ...	769		60	12
Tuticorin ...	106		90	18
Colombo ...	255		100	20
Galle ..	324		110	22
Negapatam ..	764		150	30
Cuddalore ...	822		160	32
Pondicherry ...	839		170	34
Madras ..	918		180	36
Uperpollum ...	1112	Rates	190	38
Masulipatam ...	1192		200	40
Coconada ..	1292			
Vizagapatam ..	1306			
Bimlipatam ..	1383			
Calingapatam ..	1429			
Gopalpore ..	1495			
Ganjam ..	1510			
Pooree ...	1561			
False point ...	1621			
Calcutta ...	1837			

The Company's Steamers call fortnightly during the season, about every alternate Friday. In the South West Monsoon the Steamers call off the port to give opportunity of landing and embarking Passengers and Cargo, should the surf admit of Boats putting off. Passengers and Cargo booked through to London and intermediate ports.

Full particulars on application to,

T. HENDERSON.

Quilon Standard Life Assurance Company.

F. M. FernandoSub-Agent.

Newspapers in Travancore.

Trevandium—"Travancore Government Gazette"
in English and Malayalam published every Tuesday.

Nagercoil—"The Travancore Times", an Anglo-Tamil paper,
published Tri-monthly Proprietor & Editor—P. C. Joseph.

Coonemaw—"The Trumpet of the Voice of Truth" in Malayalam
published Bi-monthly.

Printing Establishments In Travancore.

Situation	Talook	Property	Names of Presses Directors of the Presses	Nature of Works done	Remarks.
Versipoly	Paravoor	Versipoly	Archbishopal Revd Fr Camillus of Devotional & historical Press of the Im the Presentation, d c works, Gazette, vuz maculite Con w A	The trumpet of the voice of Truth and circular letters of the Archbishop	It is to be observed that all the c Presses are not the property of the Mission, but under the authority of the Vnear Apostolic and no books can be published without previous permission of the Vnear Apostolic.
Vellanado	Changunacherry	Vellanado	St Joseph's Puthenpar Kcl Cooren Religious books	Religious and Classical books	
Alleppey	Ambilipalay	Alleppey	Convent Eliaha Supert r of the Devotional books and circular letters	Printing in Malayalam Applications for estimates for binding or printing of purchases and English, book and binding of materials to be addressed to Mr Alan Cole, Superintendent, C M Press Cochin	
Mananiam	Yetumazoon	Mananiam	St Joseph's Convent	Books in Tamil and English Printing and Binding of all kinds	
Cottayam	Cottayam	Cottayam	Church Mission C M Press Cochin	Newspaper, Book and Job Printing	
Nagercoil	Angustreasaron	Kottur	London Mission Press	Religious books in English Latin and Tamil	
Bagaya street Nagercoil	Do.	Do	Revd Fr Francis Xavier P C Joseph		
Footpath	Do	Paralay	St Theresa P C M A		

Europeans and Americans

*Residing in Travancore unconnected with the Government
and other than those before named.*

Acworth, Granville, L.	Maltby, C. J.
Allen, B. W.	Marshall, T. R.
Baker, A. G., Cottayam, Planter.	Mackinlay, Thomas.
Blair, R. Hunter, do.	MacLennan, G., Ashambo
Bourdillon, F. W., Ashambo do.	McLachlan, G. M.
Browne, Martin, do	Miller, T., Ashambo, Planter.
Brown, Peermade do.	Miller, W. B., do. do.
Burch, E. S., do.	Moncur, J. R., do. do.
Burrows, J., Peermade, do.	Morris, R., Planter.
Bruce, J. F.	Morley, A. W.
Buckley, J.	Orr, G. D.
Callpa, Robert, do.	Prince, I. H.
Clark, B. N., Peermade, do	Parker, F. M., Peermade, Planter.
Clarke, T., Ashambo, do.	Probyn, A. P. Hay,
Cernean, G. Athreemallay, Planter.	Richardson, R., Planter.
Cox, J., Ashambo, Planter.	Richardson, F. C., Cottayam, do.
Cox, William.	Sanderson, do.
Crosier, P. F., Planter.	Shand, F., Ashambo, do.
Darragh, J., Alleppey, Merchant,	Sargent, E. H., do.
Manufacturer of Coir matting.	Shaw, F., Atheermallay do.
Dow, A. L., Merchant, Alleppey.	Symonds, F. J.
Drake, Charles.	Sim, C. J.
Dighton, S. M.	Sealy, J. S.
Egan, H., Peermade, Planter.	Thornhill, G. T., Ashambo, do.
Fraser, J., Ashambo, do.	Tod, H. Norman, Peermade, do.
Ferguson, R. B.	Turner, A. W., do.
Grant, A., Ashambo, Planter.	Thomson, L. C.
Hawksworth, J. M., Civil Engineer.	Valentine, J. S.
Hinton, N. I.	Valentine, C.
Knight, H. M.	Williams, A. C., Ashambo, do.
Lee, J. C.	Woosley William John.

GOVT. OF FORT ST. GEORGE.

The Right Honorable W. P. Adam, Governor, &c. &c. &c.,

MEMBERS OF COUNCIL.

His Excellency Lt. General Sir Neville Bowles Chamberlain, G. C. B., G. C. S. I., Commander-in-Chief and Second in Council, took his seat 3rd February 1876.

The Honorable W. Hudleston, c. s., Third in Council, took his seat 12th June 1877.

The Honorable D. F. Carmichael, c. s., Fourth in Council, took his seat 10th December 1878.

COUNCIL FOR MAKING LAWS AND REGULATIONS.

PRESIDENT

The Right Honorable W. P. Adam.

OFFICIAL MEMBERS.

His Excellency Lt. General Sir Neville Bowles Chamberlain, G. C. B., G. C. S. I.

Honorable W. Hudleston, c. s.

" D. F. Carmichael, c. s.

" V. Ramiengar, c. s. I.

" Patrick O'Sullivan, Advocate General.

" Robert Davidson, c. s. I., Chief Secy. to Government

" C. V. Ranganatha Sastri.

NON-OFFICIAL MEMBERS.

Honorable Goday Narayan Gajapati Rao.

" James George Coleman.

" Mir Humayun Juh Bahadur.

" Raja Rao Gangadhara Rama Rao, Raja of Pithapur.

" Amaravati Sashiah Sastri, c. s. I.

" Patrick Macfadyen.

SECRETARIAT.

PUBLIC &c. DEPARTMENTS.

Hon'ble Robert Davidson, c. s. I. . Chief Secretary.

C. D. Maclean, Esquire, M. A. .. Under Secretary (*on leave.*)

J. A. Davies, Esquire . .. Acting do.

JUDICIAL AND LEGISLATIVE DEPARTMENT.

J. A. Davies, Esq., Barrister-at-Law . Assistant Secretary.

G. S. Forbes, Esquire, M. A. Acting do.

REVENUE DEPARTMENT.

C. G. Master, Esq., Barrister-at-Law ... Secretary.

L. A. Campbell, Esquire . . . Under Secretary.

MILITARY DEPARTMENT.

Colonel James Michael, c. s. I. ... Secretary.

PUBLIC WORKS DEPARTMENT.

Colonel R. H. Sankay, R. E., C. B.	.. Secretary.
Major John Pennycuik, R. E.	.. Under Secretary.
Lt.-Colonel John Mullins, R. E.	.. Joint Secretary Irrigation Branch.
Col. W. T. F. Farowell, R. E.	.. Under Secretary (on leave.)
Major P. Montgomerie, R. E.	.. Under Secy do on other duty.
C. Vincent Esquire .. ..	.. Acting do do
Lt.-Col. J. H. M. Shaw-Stewart, R. E.	.. Joint Secy Railway Branch.
Captain P. J. Haukin, R. N.	.. Private Secretary to the Rt. Hon'ble the Governor.
Major G. B. B. Hobart, R. A.	.. Military do do

HIGH COURT OF JUDICATURE

Honorable Sir Charles Arthur Turner, C. I. N.	.. Kt. Chief Justice.
" L. C. Innes, C. S.	.. Judge (Europe)
" J. R. Kindersley, Barrister-at-Law, C. S.	.. do
" James Kernan, M. A. and Q. C.	.. do.
" T. Muthuswami Aiyar, B. L., C. I. N.	.. do. Acting.

DISTRICT AND SESSION JUDGES.

C. G. Plumer, Esquire .. ..	.. North Arcot.
J. H. Nelson, Esquire .. ..	.. South Arcot.
Honorable L. Forbes, Esquire ..	.. Bellary (on other duty.)
J. O. Hughesdon, Esquire .. ..	.. Do. Acting.
J. W. Beat, Esquire .. ..	.. South Canara.
J. Hope, Esquire .. ..	.. Chingleput (on leave.)
A. L. Lister, Esquire .. ..	.. Do. Acting.
F. M. Kindersley, Esquire .. ..	.. Coimbatore
J. F. Sneath, Esquire .. ..	.. Cuddapah (on other duty)
W. F. Grahame, Esquire .. ..	.. Do. Acting (on leave.)
C. A. Bird, Esquire .. ..	.. Do. do.
J. B. Daniel, Esquire .. ..	.. Ganjam (on leave)
J. Wallace, Esquire .. ..	.. Do. Acting.
A. J. Stuart, Esquire .. ..	.. Godavari (on leave)
B. Horsbrugh, Esquire .. ..	.. Do. Acting.
B. Horsbrugh, Esquire .. ..	.. Kistna (on other duty.)
D. Buick, Esquire .. ..	.. Do. Acting.
The Honorable J. O. St. Clair ..	.. Kurnool (on leave.)
G. D. Irvine, Esquire .. ..	.. Do. Acting.
P. P. Hutchins, Esquire .. ..	.. Madura
J. W. Reid, Esquire .. ..	.. North Malabar.
H. E. Stokes, Esquire .. ..	.. Southdo (on other duty.)
H. Wigram, Esquire .. ..	.. Do. Acting.
J. D. Goldingham, Esquire .. ..	.. Nellore (on leave)
J. D. B. Gribble, Esquire .. ..	.. Do. Acting.
J. C. Hannington, Esquire .. ..	.. Salem.
F. H. Woodroffe, Esquire .. ..	.. North Tanjore.
A. C. Burnell, Esquire, Ph. D., C. I. N.	.. South do. (on furlough.)
G. A. Parker, Esquire .. ..	.. Do. Acting.

J. C. Hughesdon, Esquire	...	.. Tinnevely (on other duty.)
J. F. Snaith, Esquire	..	... Do. Acting.
F. Brandt, Esquire	..	.. Trichinopoly.
R. C. G. Thomas, Esquire	...	.. Vizagapatam.

BOARD OF REVENUE.

H. E. Sullivan, Esquire	...	.. 1st Member (on other duty.)
B. K. Puckle, Esquire, C. I. E.	..	.. 2nd do. Acting 1st Member.
C. T. Longley, Esquire	..	.. Acting 2nd Member.
H. S. Thomas, Esquire, I. L. S., I. L. S.	..	.. 3rd Member (on furlough.)
B. W. Barlow, Esquire	...	.. Acting 3rd Member.
C. A. Galton, Esquire, M. A.	..	.. Secretary.
J. Starrock, Esquire	..	.. Sub-Secy. (on other duty.)
E. Gibson, Esquire	..	.. Acting Sub-Secretary.
P. Chentsal Row Puntloo	..	.. Head Sherishtadar

COLLECTORS AND MAGISTRATES.

W. S. Whiteside, Esquire	...	.. North Arcot.
A. Craickshaw, Esquire	..	.. South do.
H. P. Gordon, Esquire	..	.. Bellary.
W. H. Comyn, Esquire	..	.. South Canara.
J. F. Price, Esquire	..	.. Chingleput.
W. Wilson, Esquire	..	.. Coimbatore.
W. D. Horsley, Esquire	..	.. Cuddapah (on other duty)
S. T. McCarthy, Esquire.	..	.. Do. Acting.
G. D. Leman, Esquire	..	.. Ganjam
W. S. Foster, Esquire	..	.. Godavari (on leave.)
W. D. Horsley, Esquire	..	.. Do. Acting.
J. C. Horsfall, Esquire	..	.. Kistna (on leave)
J. Kelani, Esquire	..	.. Do. Acting.
W. H. Glenny, Esquire	..	.. Kurnool (on leave.)
C. J. Crosthwaite, Esquire	..	.. Do. Acting.
H. J. Stokes, Esquire	..	.. Madras.
W. Logan, Esquire	..	.. Malabar (on leave)
G. McWatters, Esquire Do. Acting.
J. Grose, Esquire Nellore.
C. T. Longley, Esquire Salem (on other duty.)
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J. H. Garstin, Esquire Vizagapatam (on leave.)
W. A. Happell, Esquire Do. Acting
B. W. Barlow, Esquire Commissioner Nilgiri (on other duty)
N. A. Roupell, Esquire Acting do.
H. T. Knox, Esquire Asst. do. (on other duty.)
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Royal Family of Cochin.

HIS HIGHNESS

RAMA WURMAH,

KNIGHT COMMANDER OF THE MOST EXALTED
ORDER OF THE STAR OF INDIA,
MAHA RAJAH OF COCHIN.

Born 11th May 1835.

Ascended the Musnud 28th March 1864.

BROTHER OF THE RAJAH.

HIS HIGHNESS

VEERACARALA WURMAH,

Eldest Rajah of Cochin.

Born 30th August 1846.

COUSINS & NEPHEWS OF THE RAJAH

His Highness **VEERACARALA WURMAH,**

First Prince of Cochin.

Second Son of His Highness' Eldest Aunt

Her Highness Coonjee Amah Tambooran.

Born 13th February 1850.

His Highness **RAMA WURMAH,**

Second Prince of Cochin.

Eldest Son of His Highness' Second Aunt

Her Highness Coonjee Kava Amah Tambooran.

Born 6th January 1852.

His Highness **RAVEN WURMAH,**

Third Prince of Cochin.

Third Son of His Highness' Eldest Aunt

Her Highness Coonjee Amah Tambooran.

Born 4th November 1853.

His Highness **VEERACARALA WURMAH,**

Fourth Prince of Cochin.

Second Son of His Highness' Second Aunt

Her Highness Coonjee Kava Amah Tambooran.

Born 9th September 1854.

Fifth Prince of Cochin.

Eldest Son of His Highness' Second Sister

Her Highness Kavoo Amah Tambooran.

Born 6th October 1858.

Sixth Prince of Cochin.

Eldest Son of His Highness' Third Aunt

Her Highness Mungoo Amah Tambooran.

Born 30th December 1861.

Seventh Prince of Cochin.

Second Son of His Highness' Third Aunt

Her Highness Mungoo Amah Tambooran.

Born 5th December 1863.

Eighth Prince of Cochin.

Second Son of His Highness' Second Sister

Her Highness Kavoo Amah Tambooran.

Born 13th December 1863.

Ninth Prince of Cochin

Eldest Son of His Highness' Cousin

Her Highness Ikavoo Amah Tambooran.

Born 12th September 1863.

Tenth Prince of Cochin.

Fourth Son of His Highness' Eldest Aunt

Her Highness Coonjee Amah Tambooran.

Born 18th November 1865.

Eleventh Prince of Cochin.

Third Son of His Highness' Second Sister

Her Highness Kavoo Amah Tambooran.

Born 29th November 1865.

Twelfth Prince of Cochin

Third Son of His Highness' Second Aunt

Her Highness Coonjee Kavoo Amah Tambooran.

Born 27th February 1866.

Thirteenth Prince of Cochin.

Eldest Son of His Highness' Second Sister

Her Highness Ikoo Amah Tambooran.

Born 20th June 1868.

Fourteenth Prince of Cochin.

Fourth Son of His Highness' Cousin

Her Highness Coonjee Kavoo Amah Tambooran.

Born 31st October 1869.

Fifteenth Prince of Cochin.

Second Son of His Highness' Second Aunt

Her Highness Ikavoo Amah Tambooran.

Born 29th April 1870.

Sixteenth Prince of Cochin.

Second Son of His Highness' Cousin

Her Highness Devo Amah Tambooran.

Born 15th July 1870.

Seventeenth Prince of Cochin.

Eldest Son of His Highness' Cousin
 Her Highness Cheria Ikavoo Amah Tambooran.
 Born 28th January 1871.

Eighteenth Prince of Cochin.

Third Son of His Highness' Cousin
 Her Highness Ikoo Amah Tambooran.
 Born 12th May 1872.

Nineteenth Prince of Cochin.

Third Son of His Highness' Second Aunt
 Her Highness Ikavoo Amah Tambooran.
 Born 18th December 1872.

Twentieth Prince of Cochin.

Second Son of His Highness' Cousin
 Her Highness Cheria Ikavoo Amah Tambooran.
 Born 25th January 1873.

Twenty-first Prince of Cochin.

First Son of His Highness' Eldest Sister
 Her Highness Coonjee Pilla Amah Tambooran
 Born 2nd December 1873.

Twenty-second Prince of Cochin.

Third Son of His Highness' Cousin
 Her Highness Cheria Ikavoo Amah Tambooran.
 Born 22nd March 1874.

MOTHER OF THE RAJAH.

Her Highness
 The Wallia or Senior Amah Tambooran.
 Born 3rd May 1614.

AUNTS OF THE RAJAH.

Her Highness Coonjee Kava Amah Tambooran.
 Born 7th December 1832.
 Her Highness Mungoo Amah Tambooran.
 Born 30th September 1839.

SISTERS OF THE RAJAH.

First Sister
 Her Highness Coonjee Pillah Amah Tambooran.
 Born 3rd July 1840.

Second Sister
 Her Highness Kavoo Amah Tambooran.
 Born 2nd October 1842.

FEMALE COUSINS OF THE RAJAH.

Her Highness Ikavoo Amah Tambooran.

Eldest Daughter of His Highness Eldest Aunt

Her Highness Coonyee Amah Tambooran

Born 29th June 1841

Her Highness Ikoo Amah Tambooran

Second Daughter of His Highness Eldest Aunt

Her Highness Coonyee Amah Tambooran

Born 22nd April 1843

Third Daughter of His Highness Eldest Aunt

Her Highness Coonyee Amah Tambooran

Born 16th April 1858

Fourth Daughter of His Highness' Eldest Aunt

Her Highness Coonyee Amah Tambooran

Born 8th April 1862

Second Daughter of His Highness Second Aunt

Her Highness Coonyee Kava Amah Tambooran.

Born 1st October 1859

Third Daughter of His Highness Second Aunt

Her Highness Coonyee Kava Amah Tambooran

Born 28th June 1863

Eldest Daughter of His Highness Third Aunt

Her Highness Mungoo Amah Tambooran

Born 10th June 1856

Third Daughter of His Highness Third Aunt

Her Highness Mungoo Amah Tambooran

Born 3rd February 1866

Fifth Daughter of His Highness Third Aunt

Her Highness Mungoo Amah Tambooran

Born 23rd June 1872

Fourth Daughter of His Highness Second Aunt

Her Highness Coonyee Kava Amah Tambooran

Born 1st March 1873

Sixth Daughter of His Highness Third Aunt

Her Highness Mungoo Amah Tambooran

Born 21st May 1875

NIECES OF THE RAJAH.

Eldest Daughter of His Highness Eldest Sister

Her Highness Coonyee Pillah Amah Tambooran

Born 16th April 1859

Second Daughter of His Highness Eldest Sister

Her Highness Coonyee Pillah Amah Tambooran.

Born 27th April 1863.

Fourth Daughter of His Highness First Sister
Her Highness Coompee Pillah Amah Tambooran
 Born 24th September 1867

Eldest Daughter of His Highness Cousin
Her Highness Ikavoo Amah Tambooran
 Born 12th October 1861

Second Daughter of His Highness Cousin
Her Highness Ikavoo Amah Tambooran
 Born 26th November 1867

Eldest Daughter of His Highness Cousin
Her Highness Cherris Ikavoo Amah Tambooran
 Born 27th June 1869

First Daughter of Her Highness Kavoo Amah Tambooran,
His Highness Second Sister
 Born 26th February 1870

Thurd Daughter of His Highness Eldest Cousin
Her Highness Ikavoo Amah Tambooran
 Born 18th August 1875

GOVERNMENT OF COCHIN

HUZUR CUTOCHERRY.

T. GOVINDA MENONE,

DEWAN OF COCHIN.

A. Sankariah, B.A.	..	..	...Dewan Peishcar.
Madaven Ellayada	...	...	...Deputy Peishcar.
Francis Rice	...	..	...Secretary to the Dewan.
Bengappachariar	..	..	.. Dalways.
E. Ittoothra Warriar	...	...	.. Husoor Sheristadar.
Uppathora Iyen	.	..	.. Police Sheristadar.
P. A. Stevenage			.. Head Clerk.
Krishna Menone	...	.	.. Wallis Sumprethy.
Uluthra Warriar	..	.	.. Head Royasom.
Chakravany Marar	..	...	.. Commercial Accountant.
Ittoonyy Rave Punikar...	..	..	.. Treasurer.

(SUBORDINATE TO THE HUZUR ARE 7 DISTRICTS.)

B. White English Tutor to the Princes.

High School, Ernaacolum.

A. F. Sealy, M. A.,	..	Director of Education & Head Master.
H. Kendall Second Master.
Snoobramania Iyen, B. A.	.	.. Asstt. Do.
and Fourteen Assistant Masters.		

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Tharain	.	Do. Cunnencollum.
K. Srinivasa Rao Do. Chittoor.
G. Ananda Narayanan Do. Irinjalaodah.
Nilacanda Putter	...	Do. Muttoncherry.

Huzur Registration Office.

Shangoonny Manadiar	...	...Huzur Registrar.
T. C. Cochunny Menone	..	..Deputy Do.

District Registrars.

Vencata Row.	...	.. Cochin.
P. Kittunny Menone	.	.. Cannianore.
G. Abraham	...	...Moogondapooram.
M. Narayana Menone	..	.. Trichoor.
Paramasura Iyen	...	...Tallapilly.
Chandra Shakara Iyen	...	...Chittoor.

COURTS OF LAW.

Appeal Court of Law (AT ERNACULUM.)

V. Subramanya Pillay, B. L.,	...	...1st Judge.
S. Locke, Barrister-at-Law		.. 2nd Judge.
C. Subba Rayen, B. A. & B. L.		...3rd Judge.
John Augustus .. ..		.. Acting Registrar.

Sillah Court of Anjakamial (AT ERNACULUM.)

G. H. Gunther	... ..	.. 1st Judge.
T. C. Poonen, B. A., Barrister-at-Law	..	2nd Judge

Sillah Court of Trichoor (AT TRICHOOR.)

Turoovengadachariar, B. A. & B. L.	..	1st Judge
----- .. .. .		.. 2nd Judge

Moonasiff.

A. Atchutha Menone	... .	.. Ernaculum
Madaven Iyen, B. A. ...	... ..	Chittoor.
Vengedachura Iyen . . .	... ..	Wadakanoherry.
K. Narayana Menone, B. A. .	..	..Eranjalicodah
Anantha Iyen . . .		Trichoor.
Baker Fenn .. ..	... ..	Cochin.

COURT OF APPEAL FROM THE DECISIONS OF THE SPECIAL MAGISTRATE.

S. Locke, Barrister-at-LawSpecial Appellate Judge.
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SPECIAL MAGISTRATE FOR THE TRIAL OF OFFENCES COMMITTED BY EUROPEAN BRITISH SUBJECTS.

...

Civil Officers at Out-Stations.

-----	...	...Conservator of Forests,
J. C. Kohlhoff	...	...Asst. Conservator, in charge.
J. Kohlhoff	...	...Supt. of Cardamom Hills.
John Carlos	...	...Clerk in charge of the Sirkar Ports.
P. R. Bennett	...	...Supt. of Teak Plantation.

Medical Department.

Surgeon Major W. H. Morgan,
Medical Officer to the Cochin Government.

MEDICAL SUBORDINATES.

D. Gunther Sub-Assistant Surgeon.
B. P. Gunther Assistant Apothecary.

Vaccination.

Medical Officer to the Cochin Government,
General Superintendent.
The Establishment consists of 5 Vaccinators
and one Deputy Inspector.

Public Works Department.

H. W. Hudson,
Engineer.

H. E. Augustus Head Accountant.
H. D. Mello Supervisor.
C. W. Lafrenais Do.
Albert M. Gunther Do.

Sircar Printing Press.

Fernois Rice,
Secretary to the Dewan, ex-officio in charge of the Press.

Traveller's Bungalows.

<i>From</i>	<i>Eng. miles.</i>	
Ernacolum	to	{ By back-water from Ernacolum to
Caroopadanah	...	{ Caroopadanah.
Caroopadanah	to	{
Caroovanoor	.. 10½	{ On the high road from Cochin to
Trichoor	... 10	{ Paulghaut.
Putticanad	... 8½	{
Kakaad	... 14½	{ Between Chowghaut and Tirtallah
		{ to Trichoor.
Bolinjamparah	..	{ On the high road from Paulghaut
		{ to Pulachy.
Wadakanoherry	...	{ Do. Do. from Trichoor to the
		{ Railway Station at Shoranore.
Wallanghy	...	{ Do. Do. from Paulghaut to the
		{ Nilampathy Hills.

BRITISH TOWN OF COCHIN.

Civil Authorities.

H. Subberaiyur ..	.. Subordinate Judge, Joint Magistrate, & Examiner of Civil & Military Pensioners.
P. J. Itteyara, R. A.	...Sheristadar, Subordinate Judge's Court.
P. J. Karyen ...	...Ag. Head Clerk do. do.
K. Mani Mani ..	...Nasir do. do.
Mark A. Platel...	...Tahsildar, 2nd Class Magistrate, Marriage Registrar, and Officer in charge of the Jail.
V. Kannan Nair ...	...Pleader.
R. Gayathri Pattar ...	... do.
D. B. Veigas ...	... do.
Shrinivasa Ayyangar...	... do.
H. M. Walker...	... do.
Ranganatha Sastri ...	... do.

Police Establishment.

T. J. Platel...	...Inspector of Police.
J. J. Jacques ...	... C. Head Constable.
Farid Khan...	...2nd Grade do. in charge Town
Poken4th do. [Station.
Hadam Khan4th do.

Marine Department.

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Charles Meyer } Government Pilots.
Egesippe Pinto ...	

Customs Department.

Thomas BarbosaSuperintendent of Customs.
F. D'Crus ...	...Assistant do. do.
C. O. Kannan Nair	...Head Clerk.

Medical Department.

Surgeon Major W. H. Morgan...	...Civil Surgeon.
J. Mamilamoney, 1st Class Hospital Assistant...	...Civil Dispensary.
L. D. Rosario, Civil Hospital Assistant	...Do.

Mrs. Grace V. Spooner.

Certificated Sick Nurse, and Diplomed Midwife.

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 S. V. Fraser Assistant Superintendent Coochin Sub-Division.
 S. O. Robertson Tel. Master in charge Coochin
 A. H. F. Prime Do Do

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H. H. Gregory Supt of Post Offices, Head Qrs. Palamcottah.
 C. S. Smith ...Supt of Post Offices Head Qrs. Calicut.
 M. R. Peter ...Inspector of Post Offices Hd Qrs. Bodakara.
 T. Veraragavalee Naidoo Post Master Coochin.
 T. Narayana Menon Ag Head Clerk Coochin.
 O. M. Wirthase Ag 2nd Clerk do.
 Apprentice do.

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 G. Verghese Head Master

and 4 Assistant Masters

Protestant Girls' School**UNDER THE SUPERINTENDENCE OF A LADIES' COMMITTEE.**

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 Miss Rose Pedro Second Teacher.
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Rev. Fra. Cherabim, O. C. D. } Missionary Apostolic, Offg. in
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 Rev. Fra. M. Fernandez }
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Brother Jerome, T. O. C. D.	Superior.
Br. Joseph, T. O. C. D.	} Masters.
Br. Michael, T. O. C. D.	
Br. Lawrence, T. O. C. D.	
Mr. A. J. Mani	} Assistant Masters
Mr. M. C. Wharjee	...	...	...
Mr. N. Joshua	...	...	...

About 800 boys attend this Institution.

Convent Girls' School—Cochin.

Mrs. M. D'Silva	Superiora.
Miss Catherine Prince	Head Teacher.
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Miss A. Lloyd	
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90 East Indian Girls and 89 Native Girls attend this School.
Malayalim is taught by 2 Native Teachers.

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 Geo. A. Jung & Co.—Agents.

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North British & Mercantile Insurance Co.—Fire & Life.
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George Brunton, M. L. C. E. W. Brunton.

Cochin Civil Dispensary.

Surgeon Major W. H. Morgan Civil Surgeon, in charge.
Municipal Comr. of Cochin In charge
J. Massillamoney 1st Class Hospital Asst.

Cochin Friend-in-need Society.**MANAGING COMMITTEE**

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W. H. Morgan.
J. B. Oughterson
O. Raphaela.
J. Grieve.

Rev. C. H. L. Wright, B. A.—Honorary Secretary and Treasurer.

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A. E. Ladd... .. Director.
G. Fernandes Secretary.

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Dias—Librarian.	

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J. L. D'Silva	Vice President.
O. Isaacs	Ag. Secretary.
O. A. Ferreira	Treasurer.

Department Public Works, Cochin.

R. P. Louren	...	...	...	Sub-Engineer, 3rd Grade.
M. L. Frank	...	...	...	Talook Overseer.

Municipal Commissioners for the Town of Cochin and its Suburbs.

G. McWatters Esq.—Ag. Collector of Malabar and President.

Surgeon Major W. H. Morgan—Vice President.

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O. S. Ganapathy.

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...Manager.

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Municipal School, Cochin.

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V. M. Bappoo Master.

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Miscellaneous Matter.

ABSTRACT OF LEGISLATIVE ENACTMENTS, TRAVANCORE.

Enacted by His Highness the Maha Rajah of Travancore on the 28th Coombhukam, 1010, (9th March, 1835).—REGULATION I.—Extending powers vested in the Moonsiffs, and defining their jurisdiction.

REGULATION II.—Authorising Moonsiffs to assemble District Panchayets for the adjudication of Civil Suits within their respective jurisdictions and of Suits referred by the Zillah Courts to the Moonsiffs, and defining the powers and authority to be vested in Panchayets.

REGULATION III.—Empowering Moonsiffs to execute all decrees on decisions passed in Adawlut Cases by the Appeal, Zillah, and Moonsiff Courts, and by Panchayets.

REGULATION IV.—Extending jurisdiction of Zillah Judges.

REGULATION V.—For the guidance of the Appeal Court.

REGULATION VI.—Giving greater efficiency to the System of Police established in Travancore.

REGULATION VII.—Constituting the Zillah Courts, Criminal Courts of their respective Zillahs, and appointing the Judges of the Appeal Court, Circuit Judges, and defining their respective powers.

Enacted on the 13th Toolam, 1023, (28th October, 1847).—REGULATION I.—Investing the Sub-Officers of the different Districts in Travancore with authority to exercise the powers of the Police Officers in their absence.

Enacted on the 1st Chingum, 1025, (15th August, 1849).—REGULATION I.—Reducing the number of Moonsiffs from twenty-five to sixteen, and relieving those Officers of the duty imposed on them by Regulation III of 1010, (i. e. of executing decrees passed by the Appeal and Zillah Courts;) and empowering the Zillah Courts to enforce such decrees, and also better regulating the numbering and issuing of stamped cadjans.

Enacted on the 1st Menum, 1025, (12th March, 1850).—REGULATION II.—Providing for admission on the Files of the Law Courts, and for disposal of Suits “in Formu pauperis.”

Enacted on the 6th Coombhukam, 1032, (16th February, 1856).—REGULATION I.—Abolishing the Circuit Courts, and establishing Sessions Courts in Travancore.

Enacted on the 2nd Eddavum, 1035 (13th May, 1860).—REGULATION I.—Establishing Port Dues at Alleppey.

Enacted on the 23rd Toolam, 1036, (6th November, 1860).—REGULATION I.—Reducing the rate of Port Dues payable at Alleppey.

Enacted on the 1st Chingum, 1037, (15th August, 1861).—REGULATION I.—Abolishing the three Sessions and five Zillah Courts, and constituting the Appeal or Sudr Court and four Zillah or District Courts, the Courts of Joint Criminal and Civil Jurisdiction.

Enacted on the 1st Chingum, 1037, (15th August, 1861).—REGULATION II.—Simplifying the Procedure of the Courts of Civil Judicature.

- Dated 29th Toolam, 1038, (13th November 1862).—Rules of Practice* passed by the Sadr Court under Sec. 26 of Reg. I of 1037 for the guidance of the Zillah Civil Judges and constituting them Judges of Small Causes.
- Enacted on the 27th Eddavum, 1039, (7th June, 1864).—REGULATION I.*—Providing for the protection of the British Electric Telegraph in Travancore.
- Enacted on the 31st Carcadayam, 1039, (13th August, 1864).—REGULATION II*—Securing Copy-right to the Authors of Books in Travancore for a space of 42 years.
- Enacted on the 6th Magaram, 1040, (17th January, 1865).—REGULATION I.*—Providing specially against Criminal Breach of contracts on the part of Artificers, Workmen, and Labourers.
- Enacted on the 27th Magaram, 1040, (7th February, 1865).—A Regulation* for the appointment of duly qualified Vakeels to plead in the Courts.
- Enacted on the 13th Chultray, 1040, (24th April, 1865).—REGULATION II.*—To provide for the adjudication of claims to Waste Lands, with rules for the sale of the same.
- Enacted on the 12th Audy, 1040, (26th July, 1865).—REGULATION III.*—To provide for the limitation of Suits.
- Enacted on the 19th Auvany, 1041, (2nd September, 1865).—REGULATION I.*—Amending the Regulation of 1036.
- Enacted on the 27th Chittray, 1041, (8th May, 1866).—REGULATION II.*—To provide for the revision of the Jurisdiction of the Moonshis in Travancore.
- Enacted on the 28th Audy, 1041, (11th August, 1866).—REGULATION III.* of 1041—To provide for the admission of Approvers.
- Enacted on the 20th Audy, 1042, (12th August, 1867).—REGULATION I.*—To establish an improved system of Registration of Deeds in Travancore.
- Enacted on the 31st Audy, 1042, (14th August, 1867).—REGULATION II.*—To amend Regulation III of 1040 (to provide for the limitation of suits.)
- Enacted on the 20th Puratasy, 1043, (5th October 1867).—REGULATION I.*—To provide for the admission of Vakeels in Criminal cases.
- Enacted on the 4th Magaram, 1047, (16th January, 1872).—REGULATION I.* of 1047.—To make clearer provision for the conduct of business in the Sadr Court of Travancore.
- Enacted on the 3rd Carcadayam 1047 (16th July, 1872).—REGULATION II* of 1047.—To redistribute Magisterial powers and provide certain rules of procedure in Courts of Criminal Jurisdiction in Travancore.
- Enacted on the 4th Cunny 1049, (18th September, 1873).—REGULATION I.* of 1049—To establish a Zillah Court at Alwaye.
- Enacted on the 29th Toolam 1050, (13th November, 1874).—REGULATION I* of 1050.—To provide against certain abuses in Native Passenger Ships.
- Enacted on the 23rd Pangony 1051, (3rd April 1876).—REGULATION I.* of 1051.—To provide against unauthorised lotteries.
- Enacted on the 30th Meenam 1052, (10th April, 1877).—REGULATION I.* of 1052.—To provide punishment for certain offences relating to marriage.
- Enacted on the 1st Madon 1052, (12th April, 1877).—REGULATION II.* of 1052.—To vest in Magistrates and certain Sub-Magistrates co-ordinate Jurisdiction with the Zillah Criminal Courts, to try cases of Criminal breach of contract.

- Enacted on the 12th Mithunom, 1052 (1st July, 1877).—REGULATION III. of 1052.—To amend REGULATION I. of 1042, for the Registration of deeds.*
- Enacted on the 13th Dhanoo 1053. (26th December 1877).—REGULATION I of 1053.—To empower the Sub-Officers of a District to dispose of Police cases during the Tahsildars' tours on duty.*
- Enacted on the 23rd Magarom 1053 (3rd February 1878).—REGULATION II of 1053.—To revise the existing scale of Court fees and to impose fees on Vakuluths, Petitions and other documents presented to the Courts.*
- Enacted on the 3rd Chakkulam 1054, (17th July 1879).—REGULATION I of 1054.—To lay down clearly the law relating to the collection of the Abkary Revenue.*
- Dated 30th Chakkulam 1054—RULES for registering Transfers of Property.*
- Enacted on the 31st Chakkulam 1054 (14th August 1879) REGULATION II of 1054.—To prevent thefts of Office.*
- Enacted on the 32nd Chakkulam 1054 (15th August 1879) REGULATION III of 1054.—To remodel the constitution of the Sadr Court.*
- Enacted on the 2nd Uthadilum 1055 (15th July 1880).—REGULATION I of 1055.—Fixing the limits of time for the presentation of Appeals under Regulation I of 1056.*

Proclamation

By

His Highness Shee Putti mibha Dawa Van he Bauli Bauli Varnish Koolasahara Kuntaydi Munnay Ball m Mahara, Rajah Ramarajah Bahadur Bhimshah Jung, Knight Grand Commander of the Most Exalted Order of the Star of India, Maha Rajah of Travancore, issued under date the 16th day of Edavom 1050 (corresponding with the 28th May 1875).

WHEREAS, in communication with the Government of India, We have found it necessary to make special arrangements for the trial of European British Subjects, committing offences in Our Territories

1. We do hereby divest Our ordinary Criminal Courts of every grade of jurisdiction to try offences committed by European British Subjects, and do further declare that such Jurisdiction shall, from and after the date of this Proclamation, be exercised exclusively by Special Magistrates, being European British Subjects, whom We may from time to time appoint, such appointments being notified by the Dewan in Our Government Gazette.

2. Except where a separate territorial jurisdiction is assigned and notified in the Gazette, a European British Subject charged with the commission of an offence shall be tried by the Special Magistrate whose station is nearest to the scene of the offence, unless by Our authority the case is transferred to another Special Magistrate.

3. We are further pleased to confer the following powers upon such Special Magistrates: namely, power to pass on conviction any sentence not exceeding three months' imprisonment or fine up to one thousand British Rupees or both.

4. A Special Magistrate appointed under this Proclamation for the trial of European British Subjects shall not take cognizance of offences committed by other subjects unless he is also an ordinary Magistrate authorized by law to take cognizance of such cases.

5. In regard to committable cases, the enquiry and committal will proceed by virtue of appointments to be made and powers conferred by His Excellency the Viceroy and Governor-General.

6. Nothing in this Proclamation shall be understood to prevent Our ordinary Courts of whatever grade taking cognizance as hitherto of cases of contempt of Court by whomsoever committed.

7. The special arrangements herein made are not intended to relieve Our ordinary Police and Magistrates and Sub-Magistrates acting as Police Officers, from the functions they have hitherto exercised as such, in respect of European British Subjects.

SIGN MANUAL.

Proclamation

By

His Highness Sri Patmanabha Datto Vancher Danla Rama Virmah Koolasekharu Kireetapati Munnay Pillan Maharaj Rajah Ramarajah Bahadur Shamshere Jung, Bahadur Grand Commander of the Most Exalted Order of the Star of India Maha Rajah of Travancore, issued under date the 22nd day of Thulam 1051 corresponding with the 6th November 1875.

WHEREAS, in communication with the Government of India, We have found it necessary to make arrangements for the hearing and disposal of appeals from the decisions of the Special Magistrates appointed under Our Proclamation dated the ^{16th Edavam 1050} 28th May 1875, and for revising their Proceedings,

We do hereby constitute and appoint the Christian Judge for the time being of Our Sadr Court, being a European British Subject, to be Special Appellate Judge to hear and dispose of appeals from the decisions of the Special Magistrates appointed under Our Proclamation above recited and to revise their Proceedings according to law, hereby conferring on him the necessary appellate Jurisdiction and the same punitive powers, as are conferred on Our Special Magistrates under the above Proclamation.

2. And whereas by Our said Proclamation, power was reserved to Our ordinary Courts of every grade to take cognizance of contempt of Court by whomsoever committed, which power it is necessary to define here so far as European British Subjects are concerned, We hereby direct that Our ordinary Courts aforesaid shall be competent to take cognizances of such cases of contempt only as are cognizable by any Civil, Criminal or Revenue Court in British India under Chapter XXXII of Act No. X of 1872 and subject to the provisions of that Act in respect of Procedure and punishment.

Cases of contempt of Court not falling within the above para and of which European British Subjects are accused shall be referred under the procedure indicated in the Act aforesaid to the proper Court having jurisdiction in the case.

SIGN MANUAL.

REGULATION I. OF 1054.

A Regulation to lay down clearly the law relating to the collection of the Abkary Revenue, passed by His Highness the Maha Rajah of Travancore on the 3rd Karcadagom 1054 corresponding with the 17th July 1879.

PREAMBLE. Whereas it is necessary to enact proper rules for providing for the manufacture, sale, transit and possession of liquor within the limits of Travancore, We are pleased to enact as follows :

SECTION I. In the construction of this Regulation, the following expressions shall have the several meanings hereby assigned to them.

(a) The term "liquor" shall be taken as denoting spirits, wine, beer and all other intoxicating liquors in the manufacture of which distillation or fermentation takes place.

(b) The terms "selling" and "sale" include bartering or receiving in pawn for liquor, grain or any other articles.

(c) The term "shop" shall include a depôt.

(d) Words importing the singular number shall include the plural number, and words importing the plural number shall include the singular number.

(e) Words importing the masculine gender shall include the feminine.

SECTION II. All persons are hereby forbidden to manufacture or to sell or to keep for the purposes of sale, any liquor of the description mentioned in Section I. of this Regulation, within the limits of Travancore, except in conformity with the provisions of this Regulation.

SECTION III. The Dewan shall either retain, under the immediate management of the Government, the exclusive privilege of manufacturing and selling all spirituous and fermented liquors within any part of the country, or shall, subject to the limitation hereinunder specified, assign, either at a public auction or in some other manner, the same wholly or partially in all or any of the following ways, that is to say :—

First. The Dewan shall assign, for such period as he may think fit, to any person or persons, the exclusive privilege of manufacturing or of selling or of both manufacturing and selling all spirituous and fermented liquors whatsoever within the whole or any portion of any Talook in consideration of a single payment or of an annual rent.

Second. It shall be lawful for the Dewan to assign to any person or persons the exclusive privilege of manufacturing or of selling or of both manufacturing and selling one or more specified spirituous ~~and~~ fermented liquors, and at the same time, in consideration of annual or other payments, to issue licences for such period as he may think fit, granting permission to the same person or any other person or persons to manufacture only or to sell only or both to manufacture and sell within the same or any other limits, all or any other liquors, the exclusive manufacture and sale of which has not been assigned as above provided; but such licences shall not carry with them any exclusive right to manufacture or to sell such liquors.

Third. It shall be lawful for the Dewan to issue licences for such period as he may think fit granting permission to any person or persons to manufacture or sell or both to manufacture and sell all liquors whatsoever or one or more specified liquors in consideration of the due payment by such person or persons of a fee, or of an excise duty on the quantity of liquor manufactured or sold, to be from time to time fixed and published by the Dewan with Our sanction. Provided that the privileges and licences hereinbefore specified shall not be granted to any person whose character and condition do not, on enquiry, appear to the Dewan satisfactory or who has been known to infringe wilfully the Abkary laws and rules.

SECTION IV. The Dewan shall prescribe the rules and forms of licences under which the manufacture or sale or manufacture and sale of liquor shall take place and from time to time, as occasion may require, shall alter and amend such rules and licences.

SECTION V. In cases where exclusive privileges of manufacture or sale or of manufacture and sale have been granted to a renter or assignee, the Dewan shall, subject to the limitation hereinunder specified, determine the places at which stills and shops shall be erected, the plan on which such shops shall be built, the number of shops and stills in each Talook, Proverty, or Keshor Manyom, the minimum prices at which liquor shall be sold at such shops, and the measures to be used in the sale of such liquor, the due publication of such prices and measures and generally all matters relating to the management and control of such places of manufacture or sale. It shall also be competent for the Dewan during the currency of a contract to permit the transfer of shops from one locality to another, to sanction new shops, or to direct the closing of shops which have been

once sanctioned. Provided that no shop or still shall be permitted to be opened or built within the limits of any principal town or other populous place.

SECTION VI. The form of licence for renting out exclusive privileges of manufacture or sale or of both shall specify the time during which it is to be in force, the amount of rent, the periods for payments of the instalments, the minimum price at which liquor shall be sold and the number of stills and shops and their positions; it shall provide against any improper practices or any adulteration of the liquor manufactured or sold and shall contain such other conditions as the Dewan may consider necessary, and no Abkary renter or other person shall be allowed to establish a still or shop or manufacture or sell liquor until he shall have obtained such licence from the Dewan and have executed an engagement binding himself to conform to its provisions which engagements shall be lodged in the Huzzoor Cutcherry.

SECTION VII. Every person placed by a renter or by a sub-renter or by the Dewan (when the Abkary is retained under Government management) in charge of a still or shop, shall first in the presence of the Tahsildar or other Government officer authorized in that behalf by the Dewan, sign in duplicate an engagement prepared in Malayalam containing such conditions as the Dewan may from time to time prescribe after the same shall have been read over by him or read and explained to him if he is unable to read it himself. Two witnesses shall be present when the engagement is acknowledged and executed by him and shall sign their names in testimony of such acknowledgment; one copy of the said engagement shall be deposited with the Dewan who shall thereon issue a licence to the person in charge of such still or shop. The other copy of the engagement and the licence shall be fixed up in some conspicuous place in the shop or still.

SECTION VIII. First. Abkary renters shall be at liberty to sub-rent their farms on such terms as they and their sub-renters may respectively agree upon, provided the Dewan may at any time prohibit such sub-renting within any tract.

Second. Sub-renters shall execute in the modes prescribed in section VII. of this Regulation engagements containing such conditions as the Dewan shall, from time to time, prescribe. No sub-renter shall establish any still or shop or manufacture or sell any liquor nor shall any contract of sub-renting be valid at law, or be recognized for the purposes of this Regulation, unless and until such engagements shall have been executed and a licence agreeably thereto shall have been issued to the sub-renter by the Dewan.

SECTION IX. The Dewan may proceed against Abkary renters or other persons licensed under this Regulation, or against their sureties, for the recovery of arrears due by them, in like manner as for the recovery of arrears of land Revenue, and may further at his discretion take the farm under Government management at the risk of the renter, or may declare the lease forfeited and re-sell the farm at the said renter's risk and loss.

SECTION X. Whenever sub-renters default to make the stipulated payments to the Government renter, such Government renter shall report the matter to the Tahsildar of the Talook, who shall proceed to recover the arrears from the defaulting sub-renter just in the same manner that arrears of land Revenue are recovered.

SECTION XI. Licences for the manufacture or sale of liquor under clauses 2 and 3 of Section III. of this Regulation shall be granted by the Dewan. Such licences shall provide against any breach of Abkary privileges granted to any other person or any improper practices at the places of sale or manufacture, and shall contain such other conditions as the Dewan may consider necessary.

SECTION XII. All persons not being licensed to manufacture or to sell or to manufacture and to sell liquor, are prohibited from having in their possession any quantity thereof exceeding one Imperial quart without a valid permit, except such quantities of English or Foreign wines, beer or spirits as may be required for *bona fide* private consumption. Permits for the possession of liquor shall be issued only by the Dewan, the Division Peishcars or by Abkary renters.

SECTION XIII. The transit without a permit of any quantity of liquor exceeding one Imperial quart is hereby prohibited. Permits for the transit of liquor shall be issued only by the Dewan, the Division Peishcars, Tahsildars or by Abkary renters or their sub-renters or by such Public officers or licensed vendors as may be duly authorized by the Dewan to grant such permits.

SECTION XIV. The permits granted by the Dewan or by a Division Peishcar shall pass any quantity of liquor and shall be held valid throughout the whole of the Travancore Territory; the permit granted by a Tahsildar shall be valid for passing not more than 200 gallons of liquor from his own Talook into those that are in the immediate neighbourhood; the permit of a renter or sub-renter shall not pass more than 100 gallons of liquor and shall not be valid beyond the limits of his farm, and the permit of a licensed vendor shall not pass more than 50 gallons of such liquor as may have been purchased from him and shall not be held valid in

respect of any other liquor or beyond the boundaries of the Talook within which it is granted.

SECTION XV. All liquor, passing through the Territories of Travancore unaccompanied by a valid permit or materially differing from the description or quantity specified in the permit, and all liquor, except such quantities of English or Foreign wines, beer or spirits as may be required for private consumption, found without a valid permit in the possession of any person not being a licensed vendor or officer of Government authorized to dispose thereof, shall be liable together with the vessels, packages and coverings in which liquor is found, and the animals and conveyances used in carrying it, to be confiscated by the Division Peishcar subject to the orders of the Dewan.

SECTION XVI. Any person duly licensed under this Regulation either to manufacture or sell or to manufacture and sell liquor who shall permit drunkenness or riot in his shop or place of sale or manufacture, or harbour persons of notoriously bad character or mix or permit to be mixed with the liquor made or sold by him any ingredient likely to add to its intoxicating quality or keep or offer such mixed liquor for sale shall on conviction be liable to the forfeiture of his licence and to a fine not exceeding 200 Rupees for each offence, besides becoming unfit for the future to hold any **Abkary** licence.

SECTION XVII. Any person who shall wilfully contravene any rule regarding the manufacture or sale of liquor which may have been prescribed by the Dewan under the authority given in Section IV of this Regulation, or any person duly licensed under this Regulation who shall commit any breach of the provisions of his licence, for which no special penalty is prescribed under this Regulation, shall on conviction, be liable to a fine not exceeding 100 Rupees for each offence and to the forfeiture of his licence, besides becoming unfit to hold for the future any **Abkary** licence.

SECTION XVIII. Any person, who shall manufacture, or sell, or keep for the purpose of sale, any liquor without being licensed, or at any other place or places than those specified in his licence, or after the expiration of his licence, or before he shall have obtained a new licence, shall, on conviction, be liable to a fine not exceeding 300 Rupees for each offence and to the forfeiture of his licence, besides becoming unfit to hold for the future any **Abkary** licence.

SECTION XIX. Any person who shall convey or attempt to convey more than one Imperial quart of liquor without a valid permit or materially differing from the description or quantity specified in the permit and any person who shall

have in his possession without a valid permit more than one Imperial quart of liquor except such quantities of English and foreign wines, beer and spirits as may be required for private consumption shall, on proof thereof, be liable to a fine not exceeding 800 Rupees for each offence.

SECTION XX. Magistrates and Sub-Magistrates are hereby authorized to issue search warrants for the discovery of unlicensed stills or of liquor illicitly sold, manufactured or kept in any place. The issue and execution of such warrants shall be governed by the rules now in force for the issue and execution of the same in ordinary criminal cases.

SECTION XXI. Any unlicensed person who shall have in his possession any still or other implement, or any person who has in his possession or sells liquor which he knows or has reason to believe has been manufactured without licence, shall on conviction be liable to a fine not exceeding 300 Rupees, and such still or other implement or liquor found in the possession of such person together with the vessels, packages and coverings shall be confiscated, subject to the orders of the Dewan.

SECTION XXII. Any Proverticaren, or Police Officer not below the rank of a Tannah Moothelper, may without a warrant enter, inspect and search at any time by day or by night for any of the purposes contemplated in this Regulation, any house, shop or premises in which the sale or manufacture of liquor is carried on under this Regulation, reporting the circumstance immediately to the Sub-Magistrate nearest to the place so entered, inspected and searched.

SECTION XXIII. All Police Peons and Moothelpers in charge of Tannahs, all Thesacavacars and all Proverticars who may have information that the manufacture or sale of liquor without licence is being carried on within the limits or vicinity of the respective Tannahs or villages shall forthwith report the matter to the nearest Tahsildar and shall assist the duly authorized Agent of an Abkary renter in the lawful exercise of his powers for the detection or suppression of the manufacture or sale of liquor without licence. And any Police Peon, Thesacavacar, Moothelper, Proverticar who shall fail to report as aforesaid or without lawful excuse refuse or neglect to assist as aforesaid shall on conviction be liable to a fine not exceeding 300 Rupees.

SECTION XXIV. Every person who holds a licence for the sale or manufacture of liquor shall keep such licence at the house or shop specified in the licence and shall show the licence on the demand of any Magistrate, Sub-Magistrate or Police Officer not below the rank of a Police Naik, who shall demand to see it, and any licensed dealer who shall re-

from or be unable to produce his licence on such demand shall on proof of the same be liable to a fine not exceeding 50 Rupees.

SECTION XXV. Any Police Officer may stop and detain any person having possession of or carrying in any public road, street, thoroughfare, or place or in any open shop any liquor which requires a pass, and if no valid pass be produced to him on his demand, he may seize the liquor with the vessels, packages and coverings in which the liquor is found, and the animals and conveyances used in carrying it, and shall thereupon without delay take such persons, together with the things so seized, before the Sub-Magistrate within whose jurisdiction the seizure took place.

SECTION XXVI. Every person who shall maliciously give false information that any person has committed any offence against this Regulation, and any officer who shall vexatiously and unnecessarily seize the goods or chattels of any person on the pretence of seizing or searching for illicit liquor, still or other implement, or who shall vexatiously and unnecessarily arrest any person or commit any other excess not required for the execution of his duty, shall on conviction be liable to a fine not exceeding 500 Rupees.

SECTION XXVII. It shall be lawful for a Magistrate to grant, to persons or to officers of the class to be named by the Dewan, who shall give information leading to the detection of any offence punishable under this Regulation, or who shall seize any article liable to confiscation under this Regulation, rewards not exceeding the total value of goods confiscated and of the fines and penalties levied and in such proportions as to him may appear proper.

SECTION XXVIII. No suit or other proceeding shall be commenced or prosecuted against any person for anything done in pursuance of this Regulation without giving to such person a month's previous notice in writing of the intended proceeding and of the cause thereof, nor after tender of sufficient amends, nor after the expiration of six months from the accrual of the cause of suit or other proceeding.

SECTION XXIX. No renter of exclusive privileges shall by virtue of such privilege be entitled to levy any personal tax, ground rent, quit rent, tope rent or any tax payable by toddy drawers and not connected with the exclusive privilege of vending toddy.

SECTION XXX. Any penalty or fine imposed under this Regulation may in case of non-payment be levied by distress and sale of goods and chattels of the offender by warrant under the hand of the Magistrate or Sub-Magistrate to whom such penalties or fines are payable.

SECTION XXXI. In case such penalty or fine shall not be forthwith paid, the offender shall be apprehended and detained in safe custody until the return can be conveniently made to such warrant of distress, unless the offender shall give security to the satisfaction of the officer who issued the warrant for his appearance at such place and time as shall be appointed for the return of the warrant of distress.

SECTION XXXII. If, upon the return of such warrant, it shall appear that no sufficient distress can be had whereon to levy such penalty or fine and the same shall not be forthwith paid, or in case it shall appear to the satisfaction of such officer, by the confession of the offender or otherwise, that he has not sufficient goods and chattels whereupon such penalty or fine could be levied, if a warrant of distress were issued, any such officer may by warrant under his hand commit the offender to the jail, there to be kept in simple imprisonment according to the discretion of such officer for any term not exceeding two calendar months when the amount of penalty or fine shall not exceed Rupees 50, for any term not exceeding 4 calendar months when the amount shall not exceed Rs. 100, and for any term not exceeding 6 calendar months when the amount shall not exceed Rupees 200, for any term not exceeding one year when the amount shall not exceed Rupees 500, and for any term not exceeding two years in any other case; the commitment to be determinable in each of the cases aforesaid on payment of the amount.

SECTION XXXIII. Nothing in this Regulation shall be taken to interfere with the existing practices for which special provisions are not herein made.

SECTION XXXIV. All offences under this Regulation shall in the first instance be triable by the Sub-Magistrates within whose territorial limits of jurisdiction they are committed. In places where there are no Sub-Magistrates, the Magistrate within whose jurisdiction they are committed shall take up the case in the first instance.

SECTION XXXV. A Sub-Magistrate under this Regulation is empowered to impose a fine or penalty not exceeding 50 Rs., and a Magistrate, the highest fine or penalty under this Regulation.

SECTION XXXVI. Whenever in any case a Sub-Magistrate shall be of opinion that the fine or penalty which he is empowered to inflict will not be a sufficient punishment for the offence committed, he shall refer the case for the disposal of the Magistrate to whom he is subordinate.

SECTION XXXVII. Appeals from the decisions of Sub-Magistrates shall lie to Magistrates and appeals from the

decisions of the latter shall lie only to the Dewan. The Dewan shall also have the power of revising the decisions of Magistrates and Sub-Magistrates.

SECTION XXXVIII. Magistrates and Sub-Magistrates shall keep and forward to the Dewan such books, diaries, &c, as he shall from time to time prescribe.

SECTION XXXIX. This Regulation shall take effect from the 1st Chingom 1055.

SIGN MANUAL.

REGULATION II. OF 1054.

A Regulation to prevent thefts of Coffee, passed by His Highness the Maha Rajah of Travancore under date the 31st Karoodagom 1054, corresponding with the 14th August 1879.

Whereas it is expedient to make special provision to prevent thefts of Coffee and to repress and punish the offence of receiving or disposing of stolen Coffee in the neighbourhood of Coffee plantations or estates, We are pleased to enact as follows :—

1. This Regulation shall take effect in such districts or parts of districts or within such localities or limits and from such dates as Our Dewan may from time to time direct by notification published in Our Government Gazette. The Dewan may from time to time modify or cancel such direction by notification similarly published.

2. In this Regulation,

“Laborer” means and includes all persons (except resident managers) temporarily or permanently employed on a Coffee Estate in any capacity whether agricultural, menial, or otherwise howsoever.

“Carrier” means and includes all persons for the time being employed in the transport of Coffee whether by portage, pack animals, boat, cart, or otherwise, and whether as contractors, drivers or otherwise.

“Coffee Estate” means and includes any land on which Coffee is growing.

“Coffee” means and includes all Coffee not roasted or otherwise prepared for immediate consumption.

3. It shall not be lawful for any one to purchase, take in barter or exchange, or receive Coffee from any laborer employed on a Coffee Estate.

4. It shall not be lawful for any one, to purchase, take in barter or exchange, or receive Coffee from any person other than a laborer employed on a Coffee Estate, unless the person so purchasing, taking in barter or exchange, or receiving such Coffee shall immediately thereupon enter or cause to be entered in a book, to be kept by him for that purpose, a true record of such transaction specifying

- (a) the name, residence and occupation of the person from whom such Coffee was so purchased, taken in barter or exchange, or received ;
- (b) the date of the transaction ; and
- (c) The quantity and description of the Coffee so purchased, taken in barter or exchange, or received.

* Provided that this section shall not apply to Coffee purchased taken in barter or exchange, or received from any person other than laborer employed on a Coffee Estate and intended *bona fide* for consumption in the house or on the premises of the person purchasing taking in barter or exchange, or receiving the same as aforesaid.

5. All books required by section 4 to be kept by persons purchasing Coffee shall be produced upon the requisition of any Magistrate or of any Sub-Magistrate or of any Police officer specially authorized by a Magistrate or Sub-Magistrate, to require the production of such books.

6. It shall not be lawful for any one to purchase, or take in barter or exchange Coffee from any carrier, or for any carrier to sell, or give in barter or exchange, any Coffee, unless the person so purchasing, or taking in barter or exchange such Coffee shall, besides making the entry required by section 4 of this Regulation, also enter or cause to be entered in the book mentioned in the said section 4, the marks (if any) on the bags, or other packages, in which such Coffee may be contained, and unless the entries required by this section and by the said section 4 be also correctly signed by such carrier in his own name and attested by the Proverticaren, Millakaren, or Tannah Modelpare of the village within which the transaction takes place.

7. Any person committing any breach of the provisions contained in section 3, 4, 5 or 6 of this Regulation shall be liable on conviction to pay a fine not exceeding five hundred Rupees, or, in default of payment, to undergo simple imprisonment for a period not exceeding six months.

8. Any cooly, maistry, or other laborer, employed on a Coffee Estate found with green gathered Coffee in his possession and failing to account satisfactorily for such possession, shall be liable on conviction to pay a fine not exceeding five hundred Rupees, or in default, to simple imprisonment not exceeding six months.

9. No person shall carry or remove Coffee from any Coffee Estate, premises, or place, or upon any road, highway, or footway, without the express permission of the owner or of his authorized agent. Such permission shall be in writing dated and signed by the said owner or his authorized agent and shall contain the following particulars:—

- (a) The quantity of the Coffee to be carried or removed;
- (b) The number, description and marks of the packages in which such Coffee is secured;
- (c) The place or destination to which the Coffee is to be carried or removed; and
- (d) The names of the consignor and consignee.

Any person committing any breach of the provision of this section shall, on conviction, be liable to pay a fine not exceeding five hundred Rupees, or, in default, to simple imprisonment not exceeding six months.

10. No Coffee shall be gathered, moved, loaded, or unloaded, on any Coffee Estate between sunset and sunrise. Any person committing a breach of this provision or abetting such breach shall on conviction be liable to pay a fine not exceeding five hundred Rupees, or in default, to simple imprisonment not exceeding six months.

Provided that nothing in section 9 or in this section shall apply to the ordinary operations of curing the crop on the Estate, such as pulping or storing.

* 11. If it shall appear that such gathering, moving, loading or unloading was for the purpose of committing a theft, the person or persons so engaged shall be liable to be charged with theft, or abetment of theft, and be proceeded against for such offence.

12. Notwithstanding anything said to the contrary in any previous Regulation, a Magistrate convicting under this Regulation is hereby empowered to award to the full extent the penalties herein provided, and Sub-Magistrate, to inflict a fine not exceeding 50 Rupees, or in default of payment, to direct simple imprisonment for a period not exceeding two months.

13. It shall be at the discretion of the Magistrate or Sub-Magistrate in the case of any persons, not being females, who shall be convicted of a second offence under section 8 of this Regulation, to substitute or add corporal punishment under the provisions of Regulation II of 1047 or of any other law for the time being in force in that behalf, for or to the penalties provided by this Regulation.

Provided that such substituted or additional punishment shall be awarded only in respect of the offence itself and not as an alternative penalty for nonpayment of fine.

14. It shall be competent to any Magistrate or Sub-Magistrate trying a case under this Regulation to grant a portion of the fines he levies therein as rewards to persons furnishing such information as may have led to the conviction of offenders.

SIGN MANUAL.

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REGULATION III. OF 1054.

A Regulation to remodel the constitution of the Sadr Court, passed by His Highness the Maha Rajah of Travancore under date the 32nd Karadagom 1054, corresponding with the 15th August 1879.

Whereas it is expedient to remodel the constitution of the Sadr Court and to afford greater facilities for the transaction of business, We are pleased to enact as follows —

1. The Sadr Court shall consist of three Judges and a Pundit shall, as at present, be attached to it.

2. Two Judges shall, by turns, form a Bench. They are empowered to hear and decide. —

(A) All Regular and Special Appeals where such Appeals be;

(B) All Criminal cases where sentence of death or imprisonment for life is awardable.

3. A single Judge of the Sadr Court is empowered;

(A) To hear and decide Regular Appeals when the value of the Appeal is 700 Rupees or below.

(B) To call for information from the Lower Courts as to any cases on their files with a view to superintend their working or to correct any error of law or practice. If the Judge finds on perusal of the records that general circulars should be issued to the Courts touching any error of law or practice, he shall lay the matter before the whole Court for disposal:

(C) To transfer cases Civil or Criminal from one Court to another: He is also empowered to dispose of—

(D) Appeals from the decisions of the Zillah Criminal Courts;

(E) References made by Criminal Judges on their own motion or on the motion of the Magistrates under Regulation II. of 1047;

(F) Small cause references;

(G) Appeals from orders whether from the Civil or Criminal Courts;

(H) Calendars in Criminal cases;

(I) And all other matters not expressly provided for.

4. A single Judge, exercising the powers under Section 2, shall always reserve any question of law or practice for the opinion of another Judge or of the whole Court.

5. In Criminal cases where the sentence awarded is more than 7 years, the Prisoners can claim the right of being heard by two Judges.

6. In all cases where the opinion of the single Judge is opposed to any former decision of the Court, whether composed of one Judge or more, he shall refer the point for the decision of the whole Court.

7. In all cases where two Judges differ in opinion, they shall call in the third, and the opinion of the majority shall prevail.

8. In cases where points of Hindu law are raised, the Court may consult the Pundit.

9. The conduct of business in the Sadr Court shall be regulated by the First Judge.

10. Enquiries into the conduct of Judges and Munsiffs subordinate to the Sadr Court, and the disposal of such cases, so far as they be within their powers, and the determination of all questions under Sections 10, 11 and 12 and the last clause of Section 16 (relating to dismissal of Vakils) of the Vakils' Regulation, will rest with the whole Court.

11. All other departmental matters shall be referred to and disposed of by the First Judge.

12. In the absence of the First Judge, his duties shall devolve on the next senior Judge.

13. If one Judge is absent, the other Judges may sit separately and do the work done by a single Judge, or if necessary, form a Bench and do the work done by a Bench of two Judges. If there be a difference of opinion the matter shall lie over till the return of the absent Judge.

14. Zillah Criminal Judges are empowered to try and dispose of all Criminal cases that may be committed to them, excepting those where the punishment awarded is death or life imprisonment. These cases shall be referred, as heretofore, to the Sadr Court who shall deal with them as they do now. In all other cases, their sentence shall be final, unless altered by the Sadr Court on appeal, or in the exercise of their powers of revision.

15. In all cases of conviction by the Zillah Criminal Courts, the Prisoners may appeal to the Sadr Court. In cases of acquittal by them, the Government may appeal. The Sadr Court may alter or reverse the finding and sentence or order of the Criminal Court, and may enhance any punishment that has been awarded.

16. All Courts exercising Criminal Jurisdiction will be bound, in cases of conviction, to furnish copies of sentence and Judgment to the Prisoner within twenty-four hours of the passing of such sentence, and the fact shall be noted in the Diary.

17. No sentence of whipping shall be carried out till the expiry of eight days from the passing of the sentence. If, in the meantime, the Prisoner affected by it files an appeal in the Court which passed the sentence, such appeal shall be forwarded to the Appellate Court and the execution of the sentence shall be stayed till the appeal is disposed of by that Court.

18. In questions of fact only one appeal is allowable from sentences of Courts exercising Criminal Jurisdiction.

19. This Regulation shall come into force from the 1st Chingom 1065.

SIGN MANUAL.

RULES FOR THE GRANTS-IN-AID.

1. With a view to promote Elementary Vernacular Education as much as possible, His Highness' Government propose for the present to restrict Grants to Village Schools of the standard of Government Poverty (Village) Schools.

2. This standard consists of Reading, Writing, History, Arithmetic and Geography.

I. * *Reading*—1st, 2nd and 3rd Books of Lessons; Vignanam-jarce, Principles of Morality, Truthful Evidence, Rules of Health, and Lessons on Money Matters.

II. *Writing*—On paper and Cadjan (Palm leaf.)

III. *History*—History of Travancore.

IV. *Arithmetic*—The whole course as treated of in Parts I and II of Malayalam Arithmetic, also Tamil Tables.

V. *Geography*—Geography of Travancore and General Geography.

3. No School will be entitled to a grant unless its average daily attendance is 25 pupils or more.

4. As far as the funds at the disposal of Government will allow, grants of money will be issued to such schools as are already in existence or established hereafter to the amount of one half of the actual salaries of the teaching staff.

5. If the daily attendance is above 25 and below 40 the grant will not generally exceed Rs. 50 per annum. If the attendance is 40 or above, the grant will be raised to Rs. 75 with a view of meeting the cost of an additional teacher.

6. These figures have been assumed to represent respectively the moiety of teachers' salaries in village Schools where one or two masters are employed.

7. The other moiety of teachers' salaries as well as every other expense connected with the schools must be met by the community or parties interested in them either from fees, subscriptions or other sources.

8. Every aided School and all the attendance Rolls and other Registers kept therein must be open to the periodical inspection of Government Inspectors or other officers of the Educational Department.

9. If it appears from the report of such officers that the school has ceased to exist, or has permanently fallen off in attendance or standard of education, the grant will be withdrawn.

10. † Applications for Grants under these Rules should be addressed to the Director of Vernacular Education and should specify the precise locality of the School, the attendance, the lessons taught, the salaries of the teachers, the name of the Manager or Agent to whom the grants of money are to be made payable, whether the school has been already in existence or is newly established, whether it is open to all classes and any other particulars.

11. In respect of schools under the control of Missionary Societies, applications should proceed from the head of the local Mission.

12. The first applications should be sent in so as to reach the Director by the end of Alpay.

Note—When these Text books are not used, equivalent cost will be allowed in their place.

† *Note*—Excluded Schools will be supplied.

13. As the funds available will not permit of every application being complied with, the Dewan will in consultation with the Director allot the grants according to his discretion with reference to the educational wants of the different parts of the State

14. As soon as the allotments of the grants as above are settled, the same will be communicated to the various Agencies, and arrangements will then be made for the disbursement of the grants from local Treasuries in two half yearly instalments

15. A report once a year will have to be furnished to the Director of Vernacular Education by all recipients of Grants showing the general progress of the schools

A SASHLAH SASTRI,
DEWAN

ABSTRACT OF POSTAL RATES, &c.,

AUGUST 1880.

INLAND POSTAGE RATES.

[For official correspondence see separate rules and rates in the Postal Guide.]

PREPAID POSTAGE RATES.			SPECIAL RATES FOR REGISTRATION, &c. (in addition to ordinary Postage Rate)	
Letters Every other day by stamp	Book & Pattern Pack- ets in Open Covers, including News- papers. Prepayment option- al, must be by stamp	Parcels. Prepayment optional, must be in cash.	Registration Fee, to be prepaid by stamp— Each Letter or Post-card Each Book or Pattern Packet or Newspaper	As. 4 2
(9 pms.—a boat) 1 penny or 10 centimes. 1 oz. = (a boat) ½ 48 tolas. 9 lbs. = (exactly) 260 tolas. A tola is the weight of a Government R.			Acknowledgment of Receipt from Addressee, to be pre- paid by stamps in the case of Registered Letters, and in cash in the case of Parcels.	1
Each Post-card Not exceeding ½ tola in weight . . . Exceeding ½ tola and not exceeding 1 tola For every additional tola For every additional 10 tolas Not exceeding 10 tolas in weight . . . For every additional 10 tolas Not exceeding 20 tolas in weight . . . Exceeding 20 tolas and not exceeding 40 tolas For every additional 40 tolas	A 4 1 1	As. . . 4 8 4	Insurance Fee, to be prepaid by stamps in the case of Letters and in cash in the case of Parcels— When the value certified does not exceed Rs. 25 Ditto ditto " " 100 For every additional Rs. 100 or fraction thereof . . . Value Payable Commission (deducted from amount paid to sender)— When the value does not exceed . . . Rs. 12 Ditto ditto ditto " " 25 For every additional Rs. 25 or fraction thereof . . . Money Order Commission, to be prepaid in cash— On sums not exceeding Rs. 10 On sums exceeding Rs. 10 but not exceeding 25 For every additional Rs. 25 or fraction thereof . . .	2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4
UNPAID POSTAGE CHARGABLE ON DELIVERY.			Certificate of Posting, to be prepaid by stamps on the form presented— Each article	2 .
For an unpaid letter or book or pattern packet—double the prepaid rate. For an insufficiently paid letter or book or pattern packet—double the deficiency. For an insufficiently paid or an unpaid parcel—the prepaid rate. Note.—Partial prepayment of ordinary parcels cannot be recognized.				

List of Union Countries.

Aden.	Honduras.	{ British.	Russia.
Argentine Republic.		{ Foreign.	Salvador.
Austria.	Hungary.		Servia.
Belgium.	Italy.		Seychelles.
Bermuda.	Japan. c.		Singapore.
Brazil.	*Jedda. c.		Spain.
British Guiana.	Labuan.		Spanish Colonies.
Bulgaria.	Liberia.		Sweden.
Canada.	Luxembourg.		Switzerland.
China. c.	Malta.		Turkey.
Cyprus.	Mauritius.		United Kingdom.
Danish Colonies.	*Mecca. c.		United States of America.
Denmark.	Mexico.		United States of Venezuela.
Dutch Colonies.	Montenegro.		
Ecuador.	Mozambique.		
Egypt.	Newfoundland.		Uruguay.
Falkland Islands.	Norway.		West Coast of Africa.
France.	Penang.		West Indies. (British,†
French Colonies.	Peru.		Danish, Dutch,
Germany.	Portugal.		French & Spanish).
Gibraltar.	Portuguese Colonies.		Zanzibar. c.
Greece.	Réunion.		
Holland.	Roumania.		

* No registration available. † Except Barbadoes, Carriacou, Grenada, St. Lucia, St. Vincent, Tobago, and Turk's Island, which are Non-Union.

Post cards

Post-cards having anything but the address written, printed or otherwise impressed on the front (or address) side, or having any paper or other article attached to them, will be treated as letters. Post-cards may not be folded, cut, or otherwise altered, but the perforation of the stamps on post-cards with initials (for the prevention of theft) is not objected to.

Book and Pattern Packets how to be packed.

Book and Pattern Packets must be packed in "open covers." By this term are meant covers open at the ends so as to admit of a ready examination of the contents, and containing nothing closed against inspection. Book and Pattern Packets without covers are treated in the same way as those in open covers.

Samples of seeds, drugs, and such like articles which cannot be sent in open covers,—but such articles only—may be posted enclosed in boxes or in bags of linen or of other material, fastened in such a manner that they may be easily opened, so as to enable the officers of the Post Office readily to satisfy themselves of the nature of the contents.

In cases where the protection of an air-tight covering is necessary for the safe transmission of such samples, they may be altogether closed, provided that the nature of the contents is certified on the cover under the full signature and address of the sender.

Samples of cheroots may be sent in cases with perforated ends, provided that the perforations are large enough to admit of the contents being distinguished, and provided that the nature of the contents is certified on the cover under the full signature and address of the sender.

Contents of Book and Pattern Packets.

A Book Packet may contain newspapers, paper, parchment or card-board, with or without printing or writing, also any legitimate binding, mounting, covering or other ordinary appurtenances of books or maps, also invoices, bills of lading, receipts, accounts, copies or extracts of deeds, bank pass books, insurance documents, and business papers generally, provided that there shall be no communication having the character of an actual and personal correspondence, unless such communication be wholly printed, lithographed, or papyrographed. Proof-sheets marked as such on the outside under the signature of the sender (even though they may bear manuscript corrections) shall be reckoned as being "wholly printed" within the meaning of this rule. Press manuscripts intended for publication (even though in the form and with the character of a personal correspondence) may be transmitted in a Book Packet, provided that the packet has on the outside, above the address, the superscription "Press Manuscript," and is addressed to the office of a newspaper.

A Pattern Packet may contain only *bona fide* trade patterns or samples of merchandise, and may not exceed 40 tolas in weight or possess any saleable value. There must be no writing upon or in any Pattern Packet except the address of the person for whom it is intended, the name and address of the sender, a trade mark or number, and the price of the articles.

Size of Book and Pattern Packets.

No packet may exceed two feet in length or one foot in width or depth.

Book and Pattern Packets not fulfilling the prescribed conditions

Book or Pattern Packets not fulfilling the prescribed conditions will be forwarded charged with letter or parcel postage, whichever may be the least, if treated as parcels, any stamps affixed will be disregarded, so far as concerns prepayment of postage.

Parcels, how to be packed.

The sender of a Parcel is recommended to see to its secure packing. The sender of a small Parcel is also recommended so to pack it as to leave sufficient clear surface for the impression of the Post Office stamp, as the absence of the stamp impression interferes with its safety.

Contents, Weight, Size, &c., of Parcels.

Not more than one communication having the character of an actual or personal correspondence (unless wholly printed, lithographed or papyrographed) may be enclosed in a Parcel.

No Parcel may exceed 25 seers (2,000 tolas) in weight, nor may it be of a kind which, owing to size, shape, packing, or otherwise, cannot be carried without serious inconvenience to the mail service or risk of injury to itself.

Receipts and acknowledgments for Parcels.

A receipt for a Parcel is given to a person tendering it at a Post Office within the prescribed hours. The sender of a Parcel will be furnished with an acknowledgment signed by the addressee on payment of one anna for postage. When a sender desires an acknowledgment, he must give his name and full address at the time of presenting the Parcel, and prepay the acknowledgment postage in cash, independently of the amount (if any) which may be prepaid for the conveyance of the Parcel. The acknowledgment will be posted to the sender's address by the office where the Parcel is delivered.

Addresses on Inland Articles.

No address is complete which does not contain the Post Town from which delivery is intended, and care should always be taken to write the name of the Post Town as clearly as possible. It should generally form the last part of the address.

Hours for Reference, Posting, Delivery, &c.

The usual hours on week days for the special classes of work noted below are mentioned opposite them—

Official references...	...	
Personal applications	...	
Posting of registered articles	...	From 7 A. M. to 8 A. M.,
" " parcels	...	and from noon to 5 P. M.
" " insured articles*	...	
" " value payable-articles†	...	
Issue and payment of money orders.		From noon to 4 P. M. or any other hours that may be notified locally.
Grant of certificate of posting	...	During open hours (as notified locally) up to half an hour before the closing of the mail.
Closing of mails	... ..	6 P. M. for night mails; for mails despatched during the day half an hour before the despatch of the mail in question.
Clearing of letter-boxes	... ..	The hour marked on each box.
Delivery of mails	... ..	The hour notified in each Post Office.

But the hours for registration, insurance and the receipt of parcels have been specially fixed in the Bombay Post Office as from 10 A. M. to 4 P. M., and in the Calcutta Post Office as from 11 A. M. to 5 P. M. for registration; in a few other offices special hours have also been specially fixed. Registered, insured and value-payable articles, also parcels and money orders intended for despatch by a particular mail must be presented at least half an hour before the time fixed for closing the mail.

Post Office Receipts may be given in Private Books.

The sender of an ordinary parcel or registered article may, if he so desires, present a receipt for the same, ready written in a book, at the Post Office window when tendering the article for despatch. In such cases, the receiving officer will compare the entries in the book with the address upon the article, and after entering in the receipt the number and weight of the article, will date, sign and stamp the book, which will then be returned to the sender in lieu of furnishing him with the usual postal form of receipt. The object of this arrangement is to meet the convenience of persons posting several ordinary parcels or registered articles at the same time, who may wish to preserve receipts in the form of a book.

* For the Post Offices empowered to insure, see under Insurance.

† For the Post Offices empowered to receive or deliver value-payable articles, see under Value-payable Articles.

REGISTRATION.

Full prepayment of fee and postage. Presentation at windows.

Any letter, post-card, book packet or pattern packet may be registered at any Post Office for transmission by Inland Post, provided that the registration fee, together with the postage, be fully prepaid by means of stamps. All articles intended for registration must be presented for that purpose at the window. Articles found in the letter-box marked "Registered" are treated as ordinary articles, except in certain cases mentioned in the Postal Guide. The registration fee is 2 annas for a book or pattern packet, and 4 annas for a letter or post-card.

Acknowledgments for registered articles.

The sender of a registered article will be furnished with an acknowledgment signed by the addressee on payment of one anna for postage. When a sender desires an acknowledgment, he must give his name and full address at the time of registering the article, and prepay the acknowledgment postage by means of a stamp affixed to the article in addition to the postage and registration fee otherwise due. The acknowledgment will be posted to the sender's address by the office where the registered article is delivered.

Currency Notes, &c., must be registered.

If an article posted at any Indian Post Office and addressed to any place in India contains a currency note, or any portion thereof, or manifestly contains a postage or other stamp, or label, or a cheque, hundi, bank-note, bank post bill, bill of exchange, or the like, the registration thereof is compulsory.

INSURANCE.

The following rules relate to the insurance of registered letters and parcels :—

Coin, &c., must be insured.

Coin, bullion, precious stones and jewels can be sent by post only in insured registered letters or insured parcels. and senders are recommended to insure all articles of value where possible. Registered letters and parcels may be insured for transmission by inland post for the actual value (by which is meant the whole actual value) of the contents. The actual value must be certified on them by the sender.

Insurance Offices, Compensation, &c.

The facility for insuring registered letters and parcels will be made available at almost all Post Offices (see list of Post Offices as given in the Postal Guide, in which the few excepted offices beyond the Indian frontier are specially mentioned as exceptions). Insured articles cannot be posted at or delivered from Post Offices not included in the list above referred to, e. g., Native State Post Offices or Foreign Post Offices. By Native State Post Offices are meant Post Offices situated in Native States and managed by the Native State administrations. Undeliverable insured articles will be at once returned to the office of origin for re-delivery to the sender, and in view to the refund to him of the insurance fee.

Insurance Fees.

The charges for insurance will be as follows :—

	Rs.	As.
When the value certified does not exceed ...	50	2
When the value certified does not exceed ...	100	4
and 4 annas for every additional Rupee 100 or fraction thereof.		

Prepayment compulsory.

The prepayment of all charges on insured articles is compulsory. In the case of insured letters the prepayment (of postage as well as registration and insurance fees) must be by means of postage stamps; and in the case of insured parcels the prepayment (of postage as well as insurance fees) must be by means of cash tendered with the parcels.

This letter (or parcel) addressed to
Major G. H. Grantly
15th Hussars,
Muttra,
is declared by us, the senders, to contain the following articles, viz—
A gold ring value 110
Three gold studs, value 72
and currency notes—
Rs. 20
No. —46669 .. 20
12
Total value 202
(Signature)

† Specimen of writing the certified value on the envelope.
Certified value two hundred and two (202) rupees.

To Major G. H. Grantly,
15th Hussars,
Muttra.
parcel; no correction or erasure is permissible in the writing or figures of the amount certified.

Declaration of value and contents required.

A written declaration * stating the nature and actual value of the contents must accompany each registered letter or parcel tendered for insurance, and if currency notes form the contents or part of the contents thereof, the serial and general numbers as well as the value of each note must be written in the declaration. The signature and address of the sender must be added. This declaration will be recorded in the Post Office.

The declared actual value must also be certified by the sender in figures and words immediately above the address on the envelope or cover of the letter or

Mod. of packing, Sealing, &c.

Letters and parcels intended for insurance should be closed as follows:—

In case of a letter, if the cover be an envelope of the ordinary kind, it should be of strong paper, and must have seals on the flap point in the centre, and on each of the four corners, with distinct impressions of some device other than that of a current coin. If the cover of the letter be other than an ordinary envelope of the kind referred to above, it should be of strong paper or other substantial material, and must have seals placed along each fold or seam not more than two inches apart. A parcel must be securely packed in cloth, or tin, and if it is packed in cloth, it must bear similar seals at intervals not exceeding three inches along each line of sewing. Packing in wax-cloth as an outer covering is admitted, but not recommended, as seals do not adhere properly to it; if used, it is better to use it as an inside covering.

Value-payable Parcels may be insured.

"Value-payable parcels," i. e., parcels the value of which is realised from the addressee and paid to the sender (see value-payable articles) may also be insured; insurance however renders the prepayment of postage and the insurance fee compulsory. When a "value-payable parcel" is insured, the sender will receive from the Post Office two receipts, viz, a value-payable receipt and an insurance receipt.

VALUE-PAYABLE ARTICLES.

(i. e., PARCELS AND REGISTERED BOOK PACKETS, but not Pattern Packets.)

The following rules relate to value-payable articles :—

Object of the System.

The sender of a parcel or registered book packet may, at the time of posting, state the value of its contents in view of the amount being realized from the addressee and paid to him (the sender).

Offices where the System is in force.

"Value-payable" articles may be posted in, and addressed to, only such Post Offices as are Money Order Offices (offices which are not Money Order Offices are distinguished by † in the List of offices given in the Postal Guide).

Parcels and Book Packets, how to be packed.

"Value-payable" parcels should be packed as ordinary parcels, and "value-payable" book packets should be packed in open covers, as prescribed for ordinary book packets. In both cases the sender is responsible for secure packing.

If the sender of a "value-payable" parcel desires to insure it, the rules regarding the packing of insured parcels must be followed.

Rates of Commission.

The commission chargeable on payment to the sender of the value of the contents of a "value-payable" article will be as follows :—

	Ra.	As.
If the value does not exceed	10.....	2
If it exceeds Ra. 10 and does not exceed	25.....	4
and 4 annas additional for every additional 25 Ra. or fraction thereof, up to the limit of value (Ra. 600).		

Payment of Value to Sender less Commission.

The commission will be deducted from the amount of the realized value when payment is made to the sender. Payment will be made by means of money orders. If a "value-payable" article is refused by the addressee, or from any cause is not delivered, payment of the value will not be made to the sender, and no claim will be made upon him, except for any unpaid postage which may have been originally due.

Postage Rates, &c., on Value-payable Articles.

Postage will be chargeable on "value-payable" parcels at the same rates as are chargeable on ordinary parcels, and it may be prepaid or otherwise at the option of the sender. Prepayment of parcel postage can only be made in cash. The postage (at ordinary book packet rates) upon a "value-payable" registered book packet and the registration fee (two annas) must be prepaid by means of stamps.

Limit of Weight, Size, Value, &c.

The limit of weight (2,000 tolas) prescribed for ordinary parcels, as well as the conditions, respecting size, &c., prescribed for ordinary parcels and ordinary book packets, will be applicable to "value-payable" articles. The value of the contents of a "value-payable" article may not exceed Ra. 600.

Particulars required from Senders.

"Value-payable" articles when presented at the Post Office window should be accompanied by a memorandum in the prescribed form (copies of which can be obtained at the Post Office) containing the following particulars, viz. :—

Name and address of the addressee in full.

Value of the contents recoverable from the addressee.

Date of posting.

FOREIGN PARCEL POST.

Parcels are received at any Post Office in India for transmission to the countries named below, at the rate of 8 annas per lb. (reckoned as equal to 39 tolas) or fraction thereof :—

United Kingdom.	Austria-Hungary.	France.
Aden.	Denmark.	Holland.
Ceylon.	Sweden.	Belgium.
Straits Settlements.	Norway.	
Germany.	Switzerland.	

Every parcel should be securely packed in a closed cover or case, and should bear the name and address of the person in the United Kingdom or Foreign Country for whom it is intended. Parcels containing valuables should be sealed.

Parcels containing jewellery, gold, silver, watches, or precious stones for the United Kingdom or Ceylon must not exceed £50 in value.

* *Specimen form of declaration.*

<i>(Address of Parcel.)</i> Thomas B. Smith, 114, Piccadilly, London.	
Contents.	Value.
	£ s. d.
1 Piece Putto cloth.....	2 0 0
1 Rampore Chudder	2 10 0
Total..	4 10 0
I declare the above to be a true statement of contents and value. (Signed) A. R. ROBINSON, <div style="text-align: right;"><i>Amritsar.</i></div>	

Every parcel should be accompanied by a separate paper headed with the address of the parcel, and containing a *declaration (clearly written) of its contents and value* under the signature of the sender. Below the signature the address of the sender should be given.

It is not deemed necessary to require exact adherence to any particular form of declaration, but the specimen form given in the margin * may be useful to the senders of parcels.

If addressed + from India to the United Kingdom or to any country other than Ceylon and the Straits, or from Aden to India.

Foreign Parcel Post.

To the Post Master,
Bombay.

to Ceylon and the Straits and from Aden to the Postal Guide.)

The parcel so addressed and the separate paper above referred to, should then be enclosed in a *substantial outer cover*. This outer cover should be superscribed and addressed as in the margin. † (For form of address to the United Kingdom, see

The parcel so made up must be *fully prepaid in cash at the prescribed rate* (the cash being tendered at the window with the parcel), and must not exceed 50 lbs. (25 seers) in weight, or 2 feet in length by 1 foot in breadth or depth. It will be received at any Post Office at the hours fixed for the receipt of ordinary parcels, the usual receipt being given to the sender.

It is forbidden to send in these parcels opium or any liquid, or any substance or material of a dangerous, damaging, or offensive kind. Transmission of specie to the Straits is prohibited.

MONEY ORDERS.

Money orders are issued and paid at almost all Post Offices between the hours of noon and 4 P. M.,* except on Sundays and holidays when they will not be issued or paid.

A separate application must be made for each Money Order, and the application must be made on one of the printed forms supplied (gratis) by the Post Office for that purpose. The name of only one person may be entered in the application as remitter or payee, except in the case of Firms or Corporations, where the usual designation must be given. All entries in the application must be written legibly and as completely as possible.

Inland Money Orders may not exceed Rs. 150 in value, or include

† Rates of Commission for Inland Money Orders.				
	Rs.	A.	P.	
On sums not exceeding Rs.	10	..0	2	0
" " "	25	..0	4	0
" " "	50	..0	8	0
" " "	75	..0	12	0
" " "	100	..1	0	0
" " "	125	..1	4	0
" " "	150	..1	8	0

a fraction of an anna. Nor may a remitter obtain in one day money orders for a sum exceeding Rs. 600 in the aggregate drawn on the same office or payable to the same person. The commission chargeable on the issue of Inland Money Orders is given in the margin.†

The remitter has nothing to do with the transmission of the money order, this work being done entirely by the Post Office, but in due course he should expect to receive through the Post Office an acknowledgment in testimony of the delivery of the money order to the payee. And if any unreasonable delay should occur in the receipt of this acknowledgment, he should represent the matter to the Post Office.

The remitter of an inland Money Order may attach to his application a post-card, and a post-card so attached will be delivered with the Money Order: the post-card should bear the name and address of the payee on the appropriate side, the reverse side being available for any instructions or communication desired to be conveyed to the payee.

An applicant for an inland Money Order may, if he so desires, present a receipt, ready written in a book, at the Post Office window with his application. In such cases the receiving officer will, after examining the receipt to see that the necessary particulars are given therein, write on the receipt the number as well as the total amount of money received and stamp it with the Post Office stamp, he will then date and sign the book and return it to the applicant in lieu of furnishing him with the usual postal form of receipt. The object of this arrangement is to meet the convenience of persons applying for several money orders at the same time who may wish to preserve receipts in the form of a book.

Foreign Money Orders may not exceed £10 in value or contain a fraction of a penny.

* Special hours have been fixed for Money Order transactions in the Calcutta and Bombay Offices; when special hours are fixed, they are notified locally.

Foreign Money Orders will be granted on the countries noted on

United Kingdom.
Canada.
Germany.
Belgium.
Luxembourg.

Heligoland.
Netherlands.
Switzerland.
Denmark.
Italy.

the margin, and on any other countries which may from time to time be added to this list.

For the purpose of calculating the Indian equivalent of

the amount of a Foreign Money Order, and the commission chargeable thereon, all Head Post Offices will be supplied with schedules drawn out at different rates of exchange, and will receive orders from time to time as to the particular schedule to be used in such calculations. Copies of the schedules can be seen at any Head Post Office.

The rates of commission for Foreign Money Orders are as follows. —

	Ra.	As.
On sums not exceeding £2	0	8
Exceeding £2 and not exceeding £5	1	0
" £5 " " £7	1	8
" £7 " " £10	2	0

These rates of commission are doubled in the case of money orders payable in Canada.

EUROPEAN MAIL DAYS.

The Mails for Europe are despatched as follows :—

FROM			
CALCUTTA.	MADRAS.	BOMBAY.	SINLA.
Wednesday.	Thursday.	Saturday.	Tuesday.
ALLAHABAD	LAHORE.	JURBULPORE	
Thursday	Tuesday	Friday	

The mails for China and the Australian Colonies leave Bombay every alternate Friday, reckoning from Friday the 9th April 1880.

NOTE.

On and after the 1st October 1880 the limit of Money Orders payable in Germany, Belgium, Luxembourg, Heligoland, the Netherlands, Switzerland, Denmark and Italy will be raised from £10 to £20, and the rates of commission for Foreign Money Orders will be reduced as shown in the following table. —

Rates of commission for Orders drawn upon the foreign countries mentioned above, viz., Germany, Belgium, Luxembourg,

Heligoland, the Netherlands, Switzerland,
Denmark and Italy.

	Ra.	A.
On sums not exceeding £2.....	0	4
Exceeding £2 and not exceeding £5	0	8
" £5 " " £7	0	12
" £7 " " £10	1	0
" £10 " " £12	1	4
" £12 " " £15	1	8
" £15 " " £17	1	12
" £17 " " £20	2	0

Rates of commission for orders drawn upon the United Kingdom or Canada.

	Ra.	A.
On sums not exceeding £2.....	0	8
Exceeding £2 and not exceeding £5	1	0
" £5 " " £7	1	8
" £7 " " £10	2	0

SIRCAR'S POSTAL OR UNJELL RULES.

WHEREAS it is the desire of the Sircar that better arrangements should be adopted in its Unjell Service in supersession of the system hitherto in force of charging Postage at the rate of one chuckrum on every Letter or Petition forwarded by the Inhabitants, Merchants and other parties, the following rules are established.

1. Parties desirous to forward through the Sircar Unjell any Letters, Newspapers, Books or Banghy Parcels, &c., are, in conformity to the existing usage in the British Post Offices, required, for the future, to prepay Postage at the rates specified in the subjoined Tables according to the weight of the Letters, and to the distance of the place to which they are addressed.

TABLE No. 1. <i>Rates of Postage on Letters.</i>						TABLE No. 2. <i>Rates of Postage on Newspapers.</i>					
Not exceeding in weight			Postage.			Not exceeding in weight			Postage.		
			Fs.	Ck.	Ca				Fs.	Ck.	Ca.
$\frac{1}{2}$ Tola	..	..	..	1	..	10 Tolas	..	..	..	1	..
1 do.	..	..	..	2	..	20 do.	..	..	..	2	..
1 $\frac{1}{2}$ do.	..	..	..	3	..	30 do.	..	..	..	3	..
2 do.	..	..	1	..	..	40 do.	..	..	1	..	..
3 do.	..	..	1	2	..						
4 do.	..	..	2	..	..				
5 do.	..	..	2	2	..						
6 do.	..	..	3	..	..				
7 do.	..	..	3	2	..						
8 do.	..	..	4	..	..				
9 do.	..	..	4	2	..						
10 do.	..	..	5	..	..				
11 do.	..	..	5	2	..						
12 do.	..	..	6	..	..				

For every Tola in weight above 12 Tolas two additional chks. shall be charged.

For every 10 Tolas in weight above 40 Tolas one additional chk. shall be charged.

TABLE No. 3.
Rates of Postage on Books.

Not exceed- ing in weight	Postage.		
	Fana.	Chka.	Cash
10 Tolas...	"	2	"
20 do. ...	1	"	"
30 do. ...	1	2	"
40 do. ...	2	"	"
50 do. ...	2	2	"
100 do. ...	5	"	"
150 do. ...	7	2	"
200 do. ...	10	"	"

Above 200 Tolas' weight Books will be charged at Banghy rates.

TABLE No. 4.
Rates of Postage on Banghy Parcels.

Not ex- ceeding in weight	For distance								
	Not exceed- ing 20 miles			Not exceed- ing 100 miles			Exceeding 100 miles		
	Fana.	Chka.	Cash	Fana.	Chka.	Cash	Fana.	Chka.	Cash
20 Tolas ...	"	1	"	"	2	"	1	"	"
50 do. ...	"	2	"	"	1	"	2	"	"
100 do. ...	1	"	"	2	"	"	4	"	"
200 do. ...	2	"	"	4	"	"	8	"	"
300 do. ...	3	"	"	6	"	"	12	"	"
400 do. ...	4	"	"	8	"	"	16	"	"
500 do. ...	5	"	"	10	"	"	20	"	"
600 do. ...	6	"	"	12	"	"	24	"	"

Newspapers on which postage is paid for, according to the above rates, will be sent by the ordinary Unjell. But if several of them are packed up together and superscribed 'by Book Post' such parcels will be sent only by the periodical Banghy Post.

2. Paper only can be used for correspondence sent by the Unjell.

3. A fee of one fanam will be charged for every mile on Letters sent by express.

4. Banghy Parcels despatched by Unjell are to be covered with wax cloth, &c., and sealed with the sender's own seals or well secured in tin boxes.

5. All Newspapers, Books, &c., sent by the Unjell shall have a wrapper with both ends open, so that the contents of the packet may be known to the Unjell servants.

6. All necessary measures shall be adopted for the careful conveyance of Banghy Parcels &c., forwarded by Unjell. But should any loss or damage be sustained, proper enquiries shall be instituted as to the cause of such loss or damage, and the parties by whom they were caused shall be made personally responsible for them.

7. These Rules not being applicable to communications forwarded by Unjell on the business of the Sircar, its Officers and Servants are authorized to frank their official communications by writing their names and official designations in full, also the words "On the Sircar Service only," on the superscription side of such letters.

NOTICE.

It being deemed desirable to adopt the system of registering Letters, Books, Newspapers and Parcels despatched through the Sircar's Unjell Post, with the view to ensure their greater safety in transit and delivery, the following Rules are established :—

1. Letters, &c. shall be sent Registered from and to any place within the Travancore territory on prepayment of a fee of 7 Chs. besides the regulated postage.

2. Letters, &c. for registry shall be sent to the Unjell Department before 6 P. M. as in the case of ordinary letters &c.

3. A printed receipt for such registered letter, &c., shall be granted from the Unjell Department to the sender.

4. On delivery of a registered letter, &c., the carrier shall obtain from the addressee a receipt in duplicate—one of the two being recorded in the delivery station and the other returned by the next Mail to the station whence the letter, &c., had been despatched.

5. In case the addressee decline accepting a registered letter, &c., he shall on the carrier's requisition, enter a statement to that effect on the back of such letter, &c., for the information of the sender.

6. The Sircar shall not be responsible for the contents of registered letters, &c. though receipts are granted by the despatching office for such letters, &c. All letters, &c. expected to contain any valuable enclosures or other articles shall be opened by the addressee in the presence of the letter carrier, in order to ascertain that the contents are correct and uninjured

27th Dhanoo, 1041.
Trevandrum, 9th January, 1866.

SIRCAR TAPAL STATIONS.

	<i>From</i>	<i>To</i>	<i>No. of Miles.</i>
<i>Trevandrum Inspector's Range.</i>	Thovalla .. ..	.. Vadaasherry	6
	Vadaasherry .. ..	.. Poothapandy	5
	Poothapandy .. ..	.. Asamboos	10
	Ditto .. ..	.. Kottaur	2½
	Kottaur .. ..	.. Soochindrum	3
	Soochindrum .. ..	.. Mahathanapoorum	7
	Vadaasherry .. ..	.. Palpanabapoorum	10
	Pulpanabapoorum .. ..	.. Erraneel	3
	Ditto .. ..	.. Carringul	6
	Ditto .. ..	.. Coolithoray	9½
	Erraneel .. ..	.. Colachel	4½
	Coolithoray .. ..	.. Tengapatnum	6
	Ditto .. ..	.. Tirroovataur	4
	Ditto .. ..	.. Parachalay	4
	Ditto .. ..	.. Neyattunkarray	10
	Neyattunkarray .. ..	.. Poovaur	6
	Ditto .. ..	.. Nemum	7
	Ditto .. ..	.. Trevandrum	11½
	Trevandrum .. ..	.. Calacootum	10
	Calacootum .. ..	.. Sherangheel	11½
<i>Shencottah Inspector's Range.</i>	Sherangheel .. ..	.. Vamanapoorum	11
	Ditto .. ..	.. Vettiyoer	5
	Ditto .. ..	.. Vurkalay	11
	Vurkalay .. ..	.. Parroor	8
	Parroor .. ..	.. Quilon	7
	Quilon .. ..	.. Kottarakaray	15
	Kottarakaray .. ..	.. Puthnapoorum	11
	Puthnapoorum .. ..	.. Addoor	10
	Addoor .. ..	.. Pullikel	14
	Pullikel .. ..	.. Krishnapoorum	6
	Puthnapoorum .. ..	.. Poonaloor	8
	Kottarakaray .. ..	.. Coonathoor	6
	Ditto .. ..	.. Poonaloor	12
	Poonaloor .. ..	.. Valookanparai	17½
	Ditto .. ..	.. Unjell	8
	Valookanparai .. ..	.. Ariengavoo	5
	Ariengavoo .. ..	.. Shencottah	9
	Shencottah .. ..	.. Samboorvadakarai	7
	Valookanparai .. ..	.. Coolathoorpulay	10
	Coolathoorpulay .. ..	.. Madathooracance	10
	Madathooracance .. ..	.. Puchai	10½
	Puchai .. ..	.. Nedoovengaud	9½
	Nedoovengaud .. ..	.. Arrianaud	7
	Nadoovengaud .. ..	.. Ponmoody	24
	Ditto .. ..	.. Trevandrum	12

	From	To	No. of Miles
<i>Cottayam Inspector's Range.</i>	Quilon .. ..	.. Shavaray	8½
	Shavaray .. ..	.. Padanaseoolungaray	7
	Padanaseoolungaray .. ..	.. Krishnapoorum	8
	Krishnapoorum .. ..	.. Aripaud	11
	Aripaud .. ..	.. Ambalapoolay	12
	Ambalapoolay .. ..	.. Alleppey	8
	Ditto .. ..	.. Poolineoonoo	8
	Krishnapoorum .. ..	.. Mavellikaray	7½
	Mavellikaray .. ..	.. Thiroovella	11
	Thiroovella .. ..	.. Changanacherry	6
	Changanacherry .. ..	.. Cottayam	12
	Cottayam .. ..	.. Canjerrappully	24
	Canjerrappully .. ..	.. Peermade	23
	Mavellikaray .. ..	.. Chenganoor	6
	Chenganoor .. ..	.. Arramola	6
	Puthunumthittay .. ..	.. Conyoor	7
	Arramola .. ..	.. Puthunumthittay	8
<i>Sherattal Inspector's Range.</i>	Alleppey .. ..	.. Kalavoor	7
	Kalavoor .. ..	.. Shertallay	6½
	Shertallay .. ..	.. Vycome	7
	Shertallay .. ..	.. Areecooty	12
	Vycome .. ..	.. Piravam	12
	Theckemparavoor .. ..	.. Chalickavattum	10
	Chalickavattum .. ..	.. Varapulay	7½
	Varapulay .. ..	.. Paravoor	6
	Paravoor .. ..	.. Tiruvaloor	6
	Tiruvaloor .. ..	.. Parambavoor	12
	Do. .. ..	.. Alwaye	5
	Parambavoor .. ..	.. Moovathoopulay	12
	Moovathoopulay .. ..	.. Kedungoor	23
	Kedungoor .. ..	.. Pallah	8
	Pallah .. ..	.. Thodoopulay	15
	Kedungoor .. ..	.. Yethoomanoor	5
	Kedungoor .. ..	.. Coothattookalam	11½
	Yethoomanoor .. ..	.. Vycome	16
	Ditto .. ..	.. Cottayam	8

Branch or Peravaka Tapal Stations.

Names of the Public Offices in which the Branch Tapal Offices are held.	The principal Tapal Stations to which the Subordinate Offices belong.
Aramboly Chowkey	Thovala.
Comaragosa	Cottayam.

TRANSET AGENCIES.

I. The Sircar Transitt is a Temporary Establishment, and is laid between Trevandrum and Shoranoor, a distance of 195 miles.

II. It thus connects the Capital with the Madras Railway.

III. It is mainly intended for the convenience of the Public.

IV. The distance of 41 miles from Shoranoor to Karavapudanthi is done by bullock carts with posted bullocks. The barrier of 4 miles at Nadayara near Trevandrum is also done by bullock carts. The rest of the journey is all by canoes.

V. The Comptrolling Officer is the Director of the Native Post (Unjell.)

VI. Rules concerning the Public are as follow :—

“PASSENGERS.”

1. No passenger is allowed to take his seat in any Boat or Carriage Table L. age used for the Transitt, without having paid his fare.*

2. On payment of the fare, Tickets are issued to Passengers, who are required to show them to the Transitt servants when demanded, and to deliver up to them before leaving the Transitt.

3. Passengers not producing or delivering up their Tickets will be charged the fare from the place whence the Transitt originally started.

4. Tickets are available only on the day of issue, except on special occasions.

5. The Tickets cannot be transferred.

6. Tickets having been issued the fare will not be refunded on any account.

7. Every person attempting to defraud the Government, by endeavouring to evade the payment of his fare will be committed to the Magistracy.

8. No smoking is allowed in the boat, carriage or station.

9. Any Passenger found intoxicated committing a nuisance or wilfully interfering with the comfort of other Passengers will be liable to removal from the premises and to forfeiture of his fare.

10. Passengers should not carry dangerous goods in the Transitt.

11. Any person found with dangerous goods in his possession will be removed from the premises and will forfeit his fare, in addition to his being responsible for any loss or damage caused by such goods.

12. More than ten Passengers are not booked in a single boat or more than eight in a carriage.

13. Any person can carry a child under 3 years of age without paying a separate fare; for every additional child, he shall pay $\frac{1}{2}$ of the fare, and get a separate Ticket.

14. Children above 3 and not exceeding 10 years of age are conveyed at half fares.

15. No pass will be given to lunatics, or persons suffering from contagious or loathsome diseases, or persons in a dying condition. If

It is found that Tickets have been obtained for such persons by misrepresentation, such Tickets will be forfeited, and the holders not allowed to enter the Transit.

16. On payment of the fare charged for 10 persons,* a single Passenger or group of Passengers, not consisting of more than 10 individuals, can engage the Transit for the whole or any portion of the line. Seats for the guard and the pay-distributing officer will, however, be reserved.

17. In such cases, previous notice should be given to the respective Transit-Masters as under,

At Trevandrum, before 9 A. M.

At Shoranoor, Do. Do.

† Table IV. At intermediate stations, 4 hours previous to the arrival of the Transit.†

18. Any passenger can carry his baggage, not weighing more than 300 Tolas, "free"; all baggage weighing more than 300 Tolas will be charged for the excess at the rate mentioned in Table II.

19. Passengers may carry with them a pet cat or a pet dog, free of charge. But no monkeys or troublesome cats or dogs, or snakes, will be allowed to be carried in the Transit on any account.

20. Passengers shall not carry dutiable goods in the Transit, and shall declare to the respective Transit-Masters that they carry no dutiable goods.

21. Any Passenger found with dutiable goods in his possession, will be committed to the Magistracy. The goods will be sold by Public Auction, and the proceeds appropriated to the Government.

22. To insure being booked, Passengers should be at the respective stations 30 minutes before the departure of the Transit.†

PARCELS.

23. Big and heavy Parcels as well as small ones will be received* and booked at all stations, provided the space required for them in the boat is available. A whole boat, however, cannot be loaded with Parcels. It is compulsory, that the place of destination of Parcels should be one where there is a Transit station.

† Table I. 24. Charges for Parcels, † can be paid, either at the booking station where they are to be delivered.

25. Duplicate Receipt Notes will be given for all Parcels, which Notes the consignors are required to forward with advice to consignees. These receipts should be given up by the consignees or other agents, at the delivery station before the Parcels are delivered to them.

26. Parcels, charges of which are due, will be delivered over to the owners, only on payment of all dues.

‡ Table III. 27. The Government undertake to deliver the Parcels only at the stations.‡

28. On payment of charges for carrying, Parcels will be caused to be delivered at the place, where the owners desire, when practicable.

29. Parcels containing perishable articles, will only be carried at "owner's risk" and must be prepaid.

30. The Government will not be answerable for any loss, damage or delay of Parcels, caused by accidents.

31. Losses, damages or delays of Parcels, found to be occasioned by negligence or want of due attention on the part of any Transit servants, will be duly enquired into, and compensated, as far as may be practicable, at the cost of such servants and not otherwise.

32. Address of Parcels should invariably be in the Vernacular of this country, and should be written in distinct characters.

33. The address should also contain a statement, showing the general character of the contents.

34. To ensure safe delivery, Parcels should be carefully made up in wax-cloth, leather, or such other water-proof materials and should be sealed.

35. Dutiable Parcels will not be accepted for transmission; and it must be distinctly stated in the address, that the Parcels contain no dutiable goods.

36. Transit-Masters are empowered to examine, in the presence of the owner or his agent, any package which they reasonably suspect to contain goods in contravention of the rules.

37. Contraband goods, found in any package will be confiscated to the Sircar, and the party concerned will be sent to the Magistracy.

38. Dangerous Parcels will not be received for booking.

39. Jewellery, precious stones, silver and gold coins, &c. cannot be conveyed by the Transit.

40. Consignees are required to take charge of their Parcels, within 5 days after their arrival at the station; if they are not so taken charge of, the respective Transit-Masters will issue a notice to the owners, in which will be mentioned among other particulars, the date within which the owners are required to take charge of them and the procedure that will be adopted for disposing of the Parcels, on the owner's failing, to accept them within the notified date.

VII. Rates of charge and the time for despatching the Transit from different stations, are liable to be modified or altered at any time.

VIII. All instances of incivility, want of due attention, or any other irregularity on the part of the Transit servants, may be reported to the Head Office in the first instance.

IX. Further particulars can be obtained from the Head Office at the Huzoor Cutcherry.

TABLE I.

Rates for Passengers.

Rates from Trevandrum.		Rates from station to station.			REMARKS.
Distance.	To	From Alleppey to Cottayam, the distance is 12 miles; passage fare, Fannam I. (Branch Transit.)		Distance from one place to another.	
		Fannam.	Chuckrams.		
Miles.				Miles.	
28	Nadaya ...	1	2	28	.. 1
40	Quilon ...	3	8	12	.. 3
81	Ambalapulay ..	6	8	41	.. 3
90	Alleppey ..	7	1	9	.. 2
114	Vycome ..	6	1	24	.. 1
129	Cochin ...	6	1	15	.. 3
154	Carooopadantha..	10	2	25	.. 3
175	Trichoor ...	12	1	21	.. 3
195	Shoranoor..	14	1	20	.. 3

TABLE II.
Rates of Parcels.

Distance.	1 to 200 Tolas.		201 to 500 Tolas.		501 to 1000 Tolas.		1001 to 3000 Tolas.		3001 to 6000 Tolas.		6001 to 9000 Tolas.		9001 to 12000 Tolas. *	
	Fns.	ch.	Fns.	ch.	Fns.	ch.	Fns.	ch.	Fns.	ch.	Fns.	ch.	Fns.	ch.
1 to 50 miles	...	2	1	...	2	..	4	..	6		8	.	10	...
51 „ 100 „	1	...	2	...	4	..	8	.	12	.	16	...	20	...
101 „ 150 „	1	2	3	...	6	..	12	...	18	...	24	...	30	...
151 „ 200 „	2	...	4	...	8	...	16	..	24	...	32	...	40	...

* Above 12,000 up to every additional 3,000 Tolas the Rate is half of what is due for Parcels weighing from 1001 to 3000 Tolas.

TABLE III.

The time when Parcels can be received for booking or can be delivered to owners at the different stations.

Stations.	Hours.
Trevandrum ...	6 A. M. to 11 A. M. and 3 P. M. to 7-30 P. M.
Nadavara ...	6 „ „ 8 „ „ any hour in the night.
Quilon... ..	6 „ „ Noon „ 2 P. M. to 6 P. M.
Alleppey ...	6 „ „ 11 „ „ 2 „ „ 10 „
Cottayam ...	6 „ „ 10 „ „ 3 „ „ 10 „
Cochin... ..	6 „ „ 10 „ „ 1 „ „ 8 „
Caruvooopadantha ...	6 „ „ Noon „ 3 „ „ 8 „
Trichoor ...	6 „ „ 10 „ „ 3 „ „ 10 „
Shoranoor ...	6 „ „ 9 „ „ Noon „ 4 „

TABLE IV.

Shows the time when different Transits depart from or arrive at the Stations.
(The Government do not guarantee these times being kept to.)

Distance from Station to Station.	Stations-	* (A)				† (B)			
		Depart- ture.		Arrival		Depart- ture.		Arrival.	
		A. M. P. M.	A. M. P. M.	A. M. P. M.	A. M. P. M.	A. M. P. M.	A. M. P. M.	A. M. P. M.	
Miles.	Trevandrum.	8-0	4-10	...	...	...	10-10	8-0	...
20	Nadavara.	...	...	4-0	...	...	10-0	...	...
12	Quilon.	8-0	...	10-0	...	...	6-0	...	...
41	Amalappoolay.	6-10	...	6-0	...	...	6-10	...	...
9	Alleppey.	8-0	...	10-0	...	...	3-0	...	2-0
24	Vycome.	3-10	...	3-0	...	8-10	...	...	...
16	Cochin.	8-0	...	...	2-0	...	8-0	6-0	...
25	Carvoovopadanthu (a)	noon	...	0-0	...	...	8-0	6-0	...
21	Trichoor.	8-0	...	...	6-0	...	10-0	...	...
20	Shoranoor.	...	...	3-0	...	2-0	...	...	...

If by any accident (A) or (B) fails to reach the Stations marked (a) before the time appointed for departure, the Transit thence will be nevertheless despatched at the appointed time.

No time for meals, &c., will be allowed for Passengers at Stations marked (b).

Branch Transit 12 Miles.	A. M.	P. M.
Alleppey	...	...
Dep. ...	Ar. ...	...
11-0	6-0	...
Cottayam	...	...
Dep. ...	Ar. ...	...
11-0	6-0	...

* (A) Stands for the Transit from Trevandrum to Shoranoor.

† (B) Stands for the Transit from Shoranoor to Trevandrum.

If by any accident (A) or (B) fails to reach the Stations marked (a) before the time appointed for departure, the Transit thence will be nevertheless despatched at the appointed time.
No time for meals, &c., will be allowed for Passengers at Stations marked (b).

Statement showing the different rates charged by the Carnatic Carrying Company, Tinnevely,

Description.	From Tinnevelly to Trevandrum and vice versa.						From Oliganacherry to Tinnevelly and Trevandrum and vice versa.						Remarks.
	Usual.			Special.			Usual.			Special.			
	Rs.	As.	P.	Rs.	As.	P.	Rs.	As.	P.	Rs.	As.	P.	
To Europeans for a whole Transit.	20	25	10	12	8	...	These rates are not invariable. Owing to the competition of other companies, the charges are sometimes reduced.
To Natives for a whole Transit.	15	.	...	20	...	...	7	8	...	10	...	...
Do. Do. for a single passenger.	2	..	...	2	8	...	1	...	...	1	4	...
Parcels or goods for every 25 lbs. or 1 Maund.	...	8	...	...	...	...	...	6	...	...	...	...
For a single passenger from stations Trevandrum to mid-novelty and	At the rate of five Pies per mile.

Table showing the rate chargeable on the Trevandrum and Thencozhy lines by the Indian Goods Carrying Company.

Particulars.	From Tinnevely to Trevandrum and vice versa.		From Tinnevely & Trevandrum to Oliganacherry.		From Oliganacherry to Tinnevely and Trevandrum.		From Tinnevely to Thencousy and vice versa.		Remarks.				
	Ordinary.		Ordinary.		Extra.		Ordinary.			Extra.			
	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.					
Whole first Class Bandy for Europeans.	20	4 0	25	4 0	10	4 0	12	8 0	7	2 0	9	0 0	
Whole second Class for Europeans	15	2 0	20	4 0	0	0 0	0	0 0	0	0 0	0	0 0	
Whole first Class Bandy for Natives	15	2 0	20	2 0	7	10 0	7	10 0	4	2 0	6	2 0	
Passengers each	2	0 6	2	8 6	1	0 6	1	0 6	0	8 6	0	0 0	
For Parcels of 25 lbs. equal to 1 Maund	0	8 0	0	0 0	0	6 0	0	6 0	0	4 0	0	0 0	

At 5 pias each Passenger per mile for the intermediate stations between Oliganacherry and Tinnevely.
 At 6 " Do. Do. Do.
 " Do. Do. Do.

BULLOCK TRANSIT ACROSS THE WURKALLAY BARRIER.

The following is the Scale of charges :—

For each trip from one end to the other, Travel- }	R. A. P.
lers not exceeding 8 in number. }	1 0 0
Do. Do. Travellers being 4 in number.	1 8 0

DIRECTIONS FOR VESSELS ARRIVING AT ALLEPPEY.

1. The Commanders of Ships are requested on the arrival of their vessels to deliver into the Master Attendant's Office a true and complete Manifest of all the goods and Merchandise laden on board of their vessels. A form of the Manifest required will be furnished for their guidance on application. Previous to any Ship or Vessel having any transaction with the shore, the Pass Register, and every other credential concerning then Ship or Vessel, must be delivered into the Master Attendant's Office. If the Ship or Vessel be in ballast, it is to be reported accordingly.

2. Goods landed, or attempted to be landed before the Ship is regularly entered, or which have not been entered in the Manifest, shall be charged double duty. The same is applicable to goods exported under similar circumstances.

3. Applications for Port Clearances should be made between 10 o'clock A. M. and 1 P. M. the day previous to sailing, to enable them to be granted by 4 o'clock, after which hour none will be given. Applicants for Port Clearances should furnish the Custom House with an Export Manifest of all Cargo shipped on board their Vessels from this Port, specifying the names of the Vessels and Commanders, sorts of goods, marks and numbers, quantity or weight, shipper's and consignee's names and the names of the Port or Ports bound to.

4. Port Clearances will not be granted to Vessels until all demands on account of Boat-hire, &c. had been adjusted.

5. No shore Boats are permitted to put off to the shipping after sun-set unless in case of emergency, and by special permission of the Master Attendant.

6. Commanders of ships are strictly prohibited from throwing any ballast overboard in the roads. Boats for the purpose of landing the same will be supplied on application.

J. ROHDE,
MASTER ATTENDANT, ALLEPPEY.

**DIRECTIONS FOR SHIPS BOUND FROM THE
SOUTHWARD, THE BAY OF BENGAL, OR
COROMANDEL COAST TO ALLEPPEY
IN THE S. W. MONSOON.**

SHIPS bound to Alleppey, from any of the above mentioned places in the S. W. Monsoon, should follow the directions given by Horsburgh, for "Ships bound from the Bay of Bengal, to Bombay, or other places to the westward, during the S. W. Monsoon."

Having crossed the Equator well to the westward of the Maladive Islands (68° E.) a ship should steer North until in the Latitude of $9^{\circ} 30'$ She should then run due East for Alleppey, making an allowance for a 3 knot southerly current after passing the parallel of Kalpenny Island.

Alleppey Flagstaff is in Latitude $9^{\circ} 29' 48''$ N. and Longitude $76^{\circ} 18' 45''$ E. by Lieut Selly of the Indian Navy measured from Bombay—the Trigonometrical Survey places it in Longitude $76^{\circ} 23'$ E. The anchorage in the roads during the S. W. Monsoon is with the Light House from N. E. to E. N. E. in five or 6 fathoms, water. In the fair season from October to May, vessels may anchor in 3 or 4 fathoms with the Light House bearing E. by N.—the soundings are very regular.

Ships from Colombo or Tuticorin bound for Alleppey in the S. W. Monsoon should, on leaving Colombo roads, be in good sailing trim, and have good sails bent and be prepared to encounter bad weather.

From Colombo roads, a W. N. Westerly course should be steered close hauled for the Coast of Tinnevely. Should the wind have sufficient southing in it, advantage should be taken of it to round Cape Comorin well to the southward. After rounding which, it often happens that a Ship will carry the southerly wind all the way up the Coast, at all events, a ship which sails moderately well by the wind, after having rounded Cape Comorin will always be able to make the passage to Alleppey or Cochin in 8 or 10 days, there being often a favourable current along the Coast to the Northward with very often a slant of wind from the South, and a ship having good sails bent and taking every advantage of the shifts of wind will be able to make a much better passage and with less wear and tear than by the Southern route.

A large ship coming from the Northward ought not to come under 7 fathoms if drawing much water, until the Flag-staff or Light House bears to the Eastward of S. E., as there are some shoal patches with only 4 fathoms on, in shore of these soundings. In like manner, vessels coming from the Southward should attend carefully to the lead when in with the land, and not come under 13 fathoms off Quilon, which is the depth close to this dangerous reef; to the Northward of Quilon reef, the Coast may be approached to 7 fathoms.

Alleppey may be known from the offing by its Light House erected close to the Flagstaff, the light from which was first exhibited on the night of the 28th March 1862. The light is of the holophotal description, and is kept burning every night, from the departure of day light to the return of the same in the morning. It is revolving, producing a bright flash once in every minute and is visible in ordinary weather 20 miles.

Ships may procure water from a well at the beach, and good vegetables and fruits can also be obtained generally in abundance. Fish is plentiful, and of the best description and variety, and other supplies equally abundant.

In the N. E. Monsoon or fair season from November to April the weather is favourable for proceeding to or from Colombo. The N. E. Monsoon sets in about the end of October or beginning of November, generally with thunder, lightning and heavy rain from the land for a few evenings—by the end of November the weather is fine, with regular land and sea breezes all along the Malabar Coast. The land wind off Quilon blows with considerable force usually setting in about 10 P. M. continuing during the night and up to 10 or 11 A. M. when it dies away, and is followed by the sea breeze, from W. to N. W. veering to north until the evening.

KUNNYACOOMAREE or CAPE COMORIN by the great Trigonometrical Survey is in Lat. $8^{\circ} 4' N$ Long. $77^{\circ} 36' 45'' E$. Lieuts. Hethersay, Powel and Selly, late Indian Navy and Mr. Franklin R. N., place it 4 miles further westward viz: $77^{\circ} 32' 30'' E$. It is high water at the Cape on full and change 0.30 P. M. The Cape is low, to the S. E. of the Point and within a mile of it, is a high Rock with two others adjoining on which the sea breaks. Near the Point to the Westward is a Pagoda and a little to the Westward of it is the Residency Bungalow. About 4 miles N. W. $\frac{1}{4}$ N. from

the Cape stands a high Conical Hill, which is the first land seen in coming from the Southward, and is the most Southern of the Ghaut Mountains. The Coast is safe to approach to 10 fathoms. There is generally a high surf breaking along the Beach but in coasting along, it is better not to come under 22 fathoms which is the depth about 5 miles off shore particularly during the night and when in the vicinity of the Crocodile Rock.

West a little northerly from Cape Comorin distance 16 miles, lies the Crocodile Rock upon which the sea does not always break being covered at high water—it has 16 and 17 fathoms close to.

CUDDEAPUTNUM POINT bears from the Rock N. E. $\frac{1}{4}$ N. distance $2\frac{1}{2}$ miles. Adunda Islet on the same bearing, distance $1\frac{1}{2}$ miles and Kotah Islet N. by W. $\frac{1}{4}$ W. a little over $1\frac{1}{2}$ miles. There is a safe passage between the Crocodile Rock and these Islets, by keeping rather closer to the Crocodile. There is also a passage between these Islets and Cuddeaputnum Point, but a good look out should be kept from the masthead in passing through either, as the Crocodile and the dangers in the inner passage cannot be seen from the deck at high water. The Crocodile is in Lat. $8^{\circ} 5' 30''$ N. Long. $77^{\circ} 16' 30''$ E. Cuddeaputnum Point is steep and like the neighbouring shore has a red appearance. A light is now exhibited from the point on a square built masonry tower.

COLACHIL or COLACHEL Toray five miles N. W. from Cuddeaputnum Point is the rising Port of Colachel; there is a Church and a Flagstaff on the beach, Lat. $8^{\circ} 10' 45''$ N. Long. $77^{\circ} 13' 30''$ E. The anchorage in the roads is in from 8 to $8\frac{1}{2}$ fathoms. Four small Islets near the beach afford shelter to the cargo boats shipping Coffee or other produce, a ship therefore, calling here to load, should anchor to leeward, so as to give the boats the greatest facility for reaching the ship with their cargo dry. A Buoy marks a rock on which one of the Steamers swung shortly after coming to an anchor, to load coffee in 1873, but it is inside the foul ground line as laid down in Capt. Selby's chart of this coast and it is the latest survey 1850 and 51. It is possible that steamers could find a safe anchorage inside of the rocks above water off this Port. This could be easily ascertained by having the ground carefully swept in order to ascertain whether there is foul ground inside of them, and in the passage North of them, also if a safe entrance is to be found to the southward of them.

If the examination is favourable and there is sufficient room for a Steamer to swing round when inside, the advantage to Government and all concerned will be complete. The gap between the two rocks could at little cost be filled up with Beaton if necessary. If there should not be room to swing, the ground being otherwise free of rocks, it would only be a question of moorings head and stern. Ships' Boats should never attempt to land on any part of the Coast from Cape Comorin up to Quilon, as there is at all times a heavy surf on the Beach.

TENGAPUTNUM—About 5 miles N. W. by W, from Colachel is the town of Tengapatnum Lat. $8^{\circ} 13' 30''$ Long. $77^{\circ} 10' E$. Off the mouth of the river (south of it) is the Island of Inniyelpa-par or Ennam having a church and other buildings on it—there are 5 other Islets with rocks above and under water near to it. The river is navigable for boats in the rainy season from June to October for some distance inland. A considerable trade, principally in saltfish, is carried on from this place and other villages along the Coast with Ceylon.

COVALUM or RUTTRA POINT in the charts, is higher than the adjoining low land, from which it runs up terminating in a high Bluff. There is a small Bungalow on the top of it which may be seen in passing. The Coast between Tengapatnum and this is bold to approach having 18 to 20 fathoms 2 miles off shore.

TREYANDRUM or TEREHOVANANTAPOORUM. The seat of the Government and Capital of the Kingdom of Travancore is about $2\frac{1}{2}$ miles East from Shunggoomoogum on the sea Beach. The Fort cannot be seen from the sea, but a Flag-staff * stands about the centre of it opposite the palace, another further to N. E. is at the British Residency; on a Hill to the North of the Fort stands the Observatory and can be distinctly made out in passing by its three Domes. Very few public Observatories in Europe have been so well found in Instruments and all by the most celebrated makers. It is in Lat. $8^{\circ} 30' 35'' N$. and Long. $77^{\circ} E$. The country around is extremely beautiful and variegated. East from Trevandrum about 7 miles is a remarkable round Conical Hill called Namam, or Bringal Hill in the charts, and forms a good mark for this part of the coast being easily distinguished from the other hills laying like it, between the Ghats and the Coast. The Ghats here are very high rising over 6,000 feet.

Since destroyed by lightning.

ANJENGO or UNCHEE TYNKEL. The Fort is Lat. $8^{\circ} 39' 40''$ N. and Long. $76^{\circ} 45' 15''$ E.—once a place of considerable importance and the earliest settlement of the late Hon'ble East India Company on the Malabar Coast. Orme the Historian was born here, and here resided Elizabeth Drapper to whom Stern addressed his letter to Eliza. The first British Resident to the Court of Travancore, John Toller, died and was buried here in 1777. The Fort was deserted some time prior to the commencement of the present century, the lower mast of the old Flagstaff still stands on the North Western angle of the Fort. The town is to the North of it, and a large Roman Catholic Church with some ancient monuments principally Dutch; but the place has a forsaken appearance. It is not easily distinguished from the offing, being hid by cocoanut trees. There is generally a heavy surf rolling in on the shore, and the place offers no inducement for a ship to anchor, fresh water not being procurable, and the anchorage inside of 10 fathoms foul and rocky.

WURKULLA. Immediately to the North of the Anjengo River rises the Warkulla Cliff to about 200 feet, extending along the Coast to the Northward 6 miles. From thence an inland navigable water communication extends by means of canals, the large estuaries at Quilon, Alloppey and Cochin, up to Chowghant, a distance of over 130 miles, and at a trifling cost could be made so to the Madras Railway Station at Tiroor 18 miles distant; as during the S. W. Monsoon cargo boats go to that point on the Madras Railway. The Warkulla Cliffs are now being tunnelled through, and will, when completed, connect this water communication with Trevandrum from whence there is a canal to Warkulla, being for the most part a natural Backwater and separated from the sea by a sand bank varying from a few yards to 5 miles in breadth, and upon which all the Sea Port Towns of the Coast are situated. The estuaries too, carry considerable depths throughout and in many parts reach far inland, into which all the watershed of the country is received and the rivers being more or less navigable for considerable distances inland. Travancore has thus rare natural facilities to the developement of her wealth and commerce which few other countries possess, and no system of Railways could attain to.

QUILON. The Flagstaff in Lat. $8^{\circ} 53' 30''$ N. Long. $76^{\circ} 36'$ E. by Lieut Taylor I. N., a place of considerable importance in the time of the Portuguese and Dutch, and

also during the Honorable East India Co's Government of India. A considerable Military force was kept up here until 1832, when the station was reduced to one Regiment. It exported a considerable quantity of cloth and Indigo, but this branch of industry, and the general trade of the place has much fallen off. The point near the Flagstaff runs out a little in the sea, and is higher than the Coast North and South of it. Three quarters of a mile S. E. of the point is a reef with 4 fathoms close to. The anchorage is with the Flagstaff N. to N. by E. in 8 or 10 fathoms, small vessels anchor further in the S. E. of the Flagstaff and reef in 5 fathoms.

Great caution is necessary in approaching this part of the coast, as an extensive reef and detached rocks stretch from the South of the point 3 miles to seaward and 7 miles North to Ivcker or Ibiu River. A ship therefore in passing or working along the coast should keep the lead going, and not come under 12 fathoms, as that is the depth close to this dangerous reef. With a fair wind and not bound to any part of the coast, 22 to 23 fathoms would be prudent soundings to preserve from Cape Comorin to the North of the Quilon reef, as these soundings will carry a ship well clear of the Crocodile Rock. A light house is being built on Cadea Patnum Point to mark the vicinity of the Crocodile danger, but "the Lead, Latitude and Look out" should never be relaxed, particularly in the vicinity of dangers and when standing in for the land.

The ship "Lady Hodgkinson" from England bound to Bombay with Troops, and a valuable cargo, on the forenoon of the 22nd of December 1858 (the finest month in the year) while standing along shore to the Northward with the land wind and smooth water, ran on the *inside* of the Quilon Reef and became a total wreck. It was said a leadsman was in the chains, if so, the lead must have been over-hove, as the ship was not more than 800 yards from the shore and for sometime in little more than her own draft of water.

The coast from Ivika River North to Alleppey is fringed with cocoanut trees and is safe to approach to 7 and 8 fathoms 3 or 4 miles off shore.

PORCAUT Porcaut and in the old charts Porca is in Lat. $9^{\circ} 21' 25''$ N. Long. $76^{\circ} 23'$ E:—was a place of considerable importance in the time of the Portuguese and afterwards of the Dutch. The factory was washed away by the sea in

1742, a canal running with a few yards of the beach connects the place with the Backwater. Off this place, is the present southern limit of the remarkable smooth water for which Alleppey has been so long celebrated. Indications of shifting its locality continue, as the smooth water spot about 3 miles to the North of Alleppey appears to be increasing. The change will not, however, be so sudden as not to admit of ample notice being transmitted to Navigators and all interested in the trade of the coast.

(HETTICAUD, a village $3\frac{1}{2}$ miles North from Alleppey Lat. $9^{\circ} 32' 33''$ North Long. $76^{\circ} 23' 10''$ East, is at the Southern limit of an extent of smooth water which has been observed forming for the past five Monsoons, presenting the same general features as that now at Porcaud. To the Northward and Westward of the village, the sea breaks in 5 to 6 fathoms in shore of which it is calm with a soft bottom. From a remote period, Alleppey has been known to Navigators as a natural harbour of refuge, and the following account of it is extracted from Penkerton's East Indies. "Capt. Cope says 'Mud Bay is a place that I believe few can parallel in the world. It lies on the shore of St. Andrea about half a league out in the sea, and is open to the wide ocean, and has neither Island nor Bank to break off the force of the billows, which come rolling with great violence in all other parts of the Coast, in the South West Monsoon, but on the Bank of Mud, lose themselves in a moment, and ships lie on it as secure as in the best harbour without motion or disturbance.'"

The centre of this smooth water anchorage, is now 6 miles to the South of the Light House, and the following directions are published for the guidance of Mariners seeking shelter in that safe anchorage.

The anchorage is marked by a Red Buoy in $4\frac{1}{2}$ Fathoms low water spring tides.

This buoy is removed on the 1st November every year and replaced during May.

Ships running for the anchorage should, after sighting the Buoy, keep along in 7 fathoms until it bears well to the Eastward, when they can run in and anchor to leeward either to the westward or in shore of it, in 5 or 3 fathoms of water, taking care to give the moorings of the Buoy a clear berth.

During heavy gales in the S. W. Monsoon the sea breaks in $6\frac{1}{2}$ fathoms West of the Buoy; inside of this, it is at once calm. The bottom is soft-mud and the soundings very even and regular. A quarter of a mile inside the Buoy there is four, gradually shoaling to three, two and one fathoms 60 yards from the Beach.

In coming to an anchor the Officer in charge should see that the anchor is clear and the chain stopped up clear of the stock, and to let go only after the ship has gathered good stern way. If the ship has put in distress, or is to remain any time, the whole cable should be given.

Severe gales of wind are liable to happen on the Coast in April, May and June, also in October and November; a careful attention to the Barometer, particularly if the maximum and minimum pressure be daily registered, will always give sufficient warning of the approach of these storms, to enable ships on the Coast or in Cochin roads to seek shelter at Narakal or on the Mud Bank $6\frac{1}{2}$ miles south of Alleppey. The S. W. Monsoon sets in at Alleppey generally in the beginning of June from N. W. and blows with great violence attended with thunder and lightning and rain. For some years back the Monsoons have not been so regular and less rain has fallen than usual probably from the large tracts of forests felled and immense grass fires.

The maximum height of the Barometer at Alleppey occurs at 9-10 A. M. and P. M. and the minimum at 4 A. M. and 4-10 P. M.

The general direction of the Wind during the S. W. Monsoon at Alleppey is from W. N. W. to N. W.

JOHN ROHDE.

Master Attendant Alleppey.

Rules for the better Regulation of Boat service at the Ports of Colachel and Quilon sanctioned by His Highness the Maha Rajah under date the ^{11th Kartigay 1904} 11th November 1904

1. An Officer to be styled "Boat Master" shall have control over all Boats and Crews plying in the Port.
2. For the purposes of carrying out these Rules and for those purposes only, the Boat Master shall exercise the powers of a Sub-Magistrate.
3. Where breaches of these Rules require a higher punishment than is awardable by a Sub-Magistrate, such cases shall be referred to the Magistrate for disposal.
4. From and after the ^{10th Kartigay 1904} 10th December 1904 no boat shall be permitted to carry goods or passengers from or to any ship or vessel at the Port, unless such boat has been registered and numbered, and the owner has taken out a license in the manner hereinafter mentioned.
5. If any person who has not registered and numbered his boat, or taken out a license shall use a boat for the aforesaid purpose, such person shall on conviction, be liable to a fine not exceeding 50 Rs. or in default of payment to imprisonment not exceeding 90 days.
6. Whenever the owner of any boat wishes to take out a license he shall present in person to the Boat Master an application in writing specifying the dimensions of his boat, the number of the crew and the quantity of cargo or number of passengers it is to be permitted to carry.
7. The Boat Master shall on receipt of such application, inspect the boat and on being satisfied that it is seaworthy, he shall call upon the owner to sign a declaration that he comprehends and consents to conform to these rules. He shall then register the boat according to form (A) annexed.
8. A fee of 2 Rupees shall be paid for registering every boat.
9. The owner of every registered boat shall have granted to him a license according to form (B) annexed.

10. Every registered boat shall bear on a conspicuous part of it, the number mentioned in the register. The number shall be cut on a white ground not less than 6 inches in length and shall be painted black in English and Malayalam. And if any owner should refuse to keep cut and painted such number or should hide or obliterate it, such owner shall on conviction, be liable to a fine not exceeding 25 Rupees or in default of payment, to imprisonment not exceeding 45 days.

11. If any person who is not the boat owner shall be guilty, of or assist in, altering or erasing the number, he shall on conviction, be liable to a fine not exceeding 25 Rs. or in default of payment, to imprisonment not exceeding 45 days. If any person fraudulently paint or cause to be painted or counterfeited upon any boat, not having been duly registered, any number, every such person shall on conviction be liable to a fine not exceeding 50 Rupees, or in default of payment, to imprisonment for a term not exceeding 90 days and every such boat shall be confiscated.

12. The boats required for landing or shipping cargo or passengers shall on application be supplied by the Boat Master.

13. All boat hire for landing or shipping cargo or passengers, shall be paid in advance according to the rates given in the annexed schedule (C) which may be revised from time to time under sanction of the Dewan.

14. The ordinary hours for boats to ply will be between 5 A. M. and 6 P. M.

15. No boat will be permitted to take off or land goods or passengers except within the prescribed limits of the Port. And any boatman or owner taking off or landing goods or passengers beyond such limits shall on conviction, be liable to a fine not exceeding 25 Rupees, or in default of payment to imprisonment not exceeding 45 days.

16. Two-thirds of the measurement tonnage of each boat shall be the maximum quantity of cargo it shall carry. And the number of passengers it shall take in shall be according to the following scale. Boats carrying one to two tons, 6 Europeans or 8 Natives. Boats carrying over two tons for every ton in excess 4 Europeans or 5 Natives.

And if any boat be loaded with passengers or cargo beyond what is specified above, the Tindal of such boat shall be liable to a fine not exceeding 5 Rupees, or in default of payment to imprisonment not exceeding 8 days and every other person who shall be guilty either as principal or accessory of the like offence after having been duly warned by the Tindal shall be liable, on conviction, to a fine of 10 Rupees or in default of payment, to 16 days' imprisonment for every surplus passenger or candy of goods.

17. Each boat shall have the full complement of rowers entered in the Boat Master's Office. Boats loaded with two tons and under shall have one steersman and 4 rowers. Boats carrying over two tons for every ton in excess one additional rower and any owner allowing his boat to ply without the regulated complement of men will be liable to a fine not exceeding 25 Rupees, or in default of payment to imprisonment not exceeding 45 days.

18. There shall be a general descriptive Register (form D) kept of all competent Tindals and able bodied rowers who are registered as crews of boats, and each Tindal or rower shall be furnished by the Boat Master with a metal plate bearing his No. in the general register which metal plate shall be produced whenever demanded.

19. And if any boatman serving in any such licensed boat shall by wilful neglect, refusal, or desertion of duty, cause impediment to the service of such boat, he shall be liable on conviction, to a fine not exceeding 10 Rupees or, in default of payment, to imprisonment not exceeding 16 days or in aggravated cases to corporal punishment not exceeding 12 lashes and for a repetition of the offence, or if in any case life may have been endangered he shall be liable to receive such increased punishment as the nature of the offence may warrant.

20. All boats shall carry such number of passengers or such quantity of cargo as has been specified in Rule 16; any refusal to take such passengers or cargo will subject the owner to loss of hire and suspension of License.

21. All owners of boats shall submit their boats to the inspection of the Boat Master, whenever he calls upon them to do so; and they shall likewise carry out such repairs to the boats as may be ordered; any refusal to attend to such order shall subject the owner to the suspension of his License which will be entirely withdrawn should such refusal be continued for one month.

22. Whenever a boat becomes unseaworthy, the License will be withdrawn.

23. Whenever a License is withdrawn, the Boat Master shall obliterate the number.

24. Should the cargo be damaged by the carelessness of the boat owners or of the men employed by them, the owners shall be held responsible for the cargo so damaged and likewise for any plunder or theft of the cargo during transit. If goods be damaged by surf in spite of all diligence on the part of the crew, the owners of goods shall bear the loss.

25. For goods damaged by rain, the boat owners shall not be held responsible. Merchants or owners of goods shall provide tarpaulins when necessary.

26. All disputes regarding boat hire or any other matter connected with the boat service between shippers or passengers, and boat owners or boatmen shall be decided by the Boat Master.

27. Transfer of boat from one owner to another shall be duly registered in the Boat Master's Office within one week of such transfer, in default, the original owner shall be liable to a fine not exceeding 10 Rupees or in default of payment to imprisonment not exceeding 16 days.

28. Boat owners refusing to let on hire boats for which Licenses have been granted, or allowing their men to ply boats beyond the prescribed time, or landing or shipping cargo without the Boat Master's permission, or otherwise failing to conform to above rules, shall on conviction, be liable to a fine not exceeding 50 Rupees or in default, to imprisonment not exceeding three months.

29. The boats shall be so told off for work from day to day, as to prevent undue advantage to the owners of some and undue loss to the owners of others.

30. The above rules shall be considered applicable to catamarans also.

31. The above rules are not to be considered to interfere with ships' boats or pleasure boats taking off or landing passengers or their baggage or ships' stores all of which

C.
Schedule of Boat hire for the Port of

No.	Articles.	Boat hire.		Remarks.
		Chs.	C.	
1	Coffee in bags each weighing between 1 and 2 cwts.	2	..	Husk does not count as cwt.
2	Tamarind per bundle	2	8	
3	Fish per 4 bundles	9	..	
4	Jaggery per 8 bundles ..	9	..	
5	Hides per bale ..	7	..	
6	Cotton twist per bale ..	6	..	
7	Long cloth per bale	6	..	
8	Paper and gunnies per bale ..	6	..	
9	Provisions and Oilman stores per cask.	6	..	
10	Do. Do. per case.	8	..	
11	Liquors per 12 bottles	0	12	Half hire to be added when a boat is used on Sundays, or beyond the hours specified in Rule 14 during ordinary days.
12	Paddy and other grains per bag ..	2	..	
13	Tea per chest ..	4	..	
14	Spice per chest ..	14	..	
15	Arecanuts per bag	2	..	
16	Laurel nut Do.	2	..	
17	Crockery per box ..	2	..	
18	General cargo per cwt.	2	..	
19	Timber logs per candy	4	..	
20	Planks per corgo	28	..	
21	Do. double per corgo ..	56	..	
22	Cocoanuts with husk per 1000 ..	36	..	
23	Do. without Do. Do.	15	..	
24	Copra per bale ..	8	..	
25	Ginger Do.	8	..	
26	Turmeric Do.	8	..	
27	Coir per bale	10	..	
28	Iron, Copper & other metals per candy.	8	..	
29	Europe twist per bale ..	4	..	
30	Silk cases each ..	2	..	
31	Umbrellas per box	4	..	
32	Crackers Do.	4	..	
33	Jars per 100	35	..	
34	Preserves per chest ..	2	..	
35	Paddy per 100 Parabs ..	8	..	
36	Wheat and other grains per candy ..	8	..	
37	Passengers per head ..	4	..	
38	Ballast per ton	14	..	

Half the above rates for Pattamara.

BOAT RULES.

For the Port of Alleppey sanctioned by His Highness the Maha Raja.

1. An Officer to be styled "Boat Master" shall have immediate control over all Boats and Crews plying in the Port.

2. He shall be subject however to the control of the Master Attendant.

3. For the purposes of carrying out these Rules and for those purposes only, the Boat Master shall exercise the powers of a Sub-Magistrate.

4. Similarly the Master Attendant shall have the powers of a Magistrate.

5. Where breaches of these Rules require a higher punishment than is awardable by a Sub-Magistrate, such cases should be referred to the Magistrate for disposal.

6. From and after the 20th Instant, no Boat shall be permitted to carry goods or passengers from or to any ship or vessel at the port, unless such boat has been registered and numbered, and the owner has taken out a license, in the manner hereinafter mentioned.

7. If any person who has not registered and numbered his boat, or taken out a license, shall use a boat for the aforesaid purpose, such person shall on conviction be liable to a fine not exceeding 50 Rupees or in default of payment to imprisonment not exceeding 90 days.

8. Whenever the owner of any boat wishes to take out a license, he shall present in person to the Master Attendant an application in writing specifying the dimensions of his boat, the number of the crew, and the quantity of cargo or number of passengers it is to be permitted to carry.

9. The Master attendant shall on receipt of such application, inspect the boat, and on being satisfied that it is seaworthy, he shall call upon the owner to sign a declaration that he comprehends and consents to conform to these rules. He shall then register the boat according to form (A) annexed.

10. A fee of two Rupees shall be paid for registering every boat.

11. The owner of every registered boat shall have granted to him a license according to form (B) annexed.

12. Every registered boat shall bear on a conspicuous part of it the number mentioned in the Register. The number shall be cut on a white ground not less than 6 inches in length and shall be painted in black English figures on one side and in Malayalam figures on the other. And if any owner should refuse to keep out and painted such number or should hide or obliterate it, such owner shall on conviction be liable to a fine not exceeding 25 Rs. or in default of payment to imprisonment not exceeding 45 days.

13. If any person who is not a boat owner shall be guilty of or assist in altering or erasing the number he shall, on conviction, be liable to a fine not exceeding 25 Rs. or in default of payment to imprisonment not exceeding 45 days. If any person fraudulently paint or cause to be painted or counterfeited upon any boat, not having been duly registered, any number, every such person, shall, on conviction, be liable to a fine not exceeding 50 Rupees, or in default of payment to imprisonment of either description for a term not exceeding 90 days, and every such boat shall be confiscated.

14. The boats required for landing or shipping cargo or passengers shall, on application, be supplied by the Boat Master.

15. All boat hire for landing or shipping cargo shall be paid in advance according to the rates given in the annexed Schedule (C) which shall be revised from time to time under the sanction of the Dewan.

16. The ordinary hours for boats to ply will be between 5 A. M. and 6 P. M.

17. No boat will be permitted to take off or land goods or passengers except within the prescribed limits of the Port. And any boatman, or owner taking off or landing goods or passengers beyond such limits shall, on conviction, be liable to a fine not exceeding 25 Rupees or in default of payment to imprisonment not exceeding 45 days.

18. Two-thirds of the measurement tonnage of each boat shall be the maximum quantity of cargo it shall carry. And the number of passengers it shall take in shall be according to the following scale.

Boats carrying one to two tons, 6 Europeans or 8 Natives.

Boats carrying over two tons, for every ton in excess, 4 Europeans or 5 Natives.

And if any boat be loaded with passengers or cargo beyond what is specified above, the Tindal of such boat shall be liable to a fine not exceeding 5 Rupees, or in default of

payment to 8 days' imprisonment; and every other person who shall be guilty either as principal or accessory of the like offence, after having been duly warned by the Tindal shall be liable on conviction to a fine of 10 Rupees or in default of payment to 16 days' imprisonment for every surplus passenger or candy of goods.

19. Each boat shall have the full complement of rowers entered in the Master Attendant's Office. Boats loaded with two tons and under shall have one steersman and 4 rowers. Boats carrying over two tons for every ton in excess one additional rower. And any owner allowing his boat to ply without the regulated complement of men will be liable to a fine not exceeding 25 Rupees or in default of payment to imprisonment not exceeding 45 days.

20. There shall be a general descriptive Register (form D.) kept of all competent Tindals and able-bodied rowers who are registered as crews of Boats and each Tindal or rower shall be furnished by the Master Attendant with a metal plate bearing his No. in the general Register which metal plate shall be produced, whenever demanded.

21. And if any boatman serving in any such licensed boat shall by wilful neglect, refusal or desertion of duty, cause impediment to the service of such boat he shall be liable on conviction to a fine not exceeding 10 Rupees or in default of payment to 16 days' imprisonment, or in aggravated cases to corporal punishment not exceeding 12 lashes; and for a repetition of the offence or if in any case life may have been endangered, he shall be liable to receive such increased punishment as the nature of the offence may warrant.

22. All boats shall carry such number of passengers or such quantity of cargo as has been specified in Rule 18. Any refusal to take such passengers or cargo will subject the owner to loss of hire, and suspension of license.

23. All owners of boats shall submit their boats to the inspection of the Master Attendant or the Boat Master, whenever he calls upon them to do so; and they shall likewise carry out such repairs to the boats as may be ordered. Any refusal to attend to such order shall subject the owner to the suspension of his license which will be entirely withdrawn should such refusal be continued for one month.

24. Whenever a boat becomes unseaworthy the license will be withdrawn.

25. Whenever a license is withdrawn, the Master Attendant or Boat Master shall obliterate the number.

26. Should the cargo be damaged by the carelessness of the boat owners or of the men employed by them, the owners shall be held responsible for the cargo so damaged, and likewise for any plunder or theft of the cargo during transit. If goods be damaged by surf in spite of all diligence on the part of the crew, the owners of goods shall bear the loss.

27. For goods damaged by rain boat owners shall not be held responsible. Merchants or owners of goods shall provide tarpaulins when necessary.

28. All disputes regarding boat hire or any other matter connected with the Boat service between shippers or passengers, and boat owners or boat men shall be decided by the Boat Master or in particular cases by the Master Attendant whose adjudgment shall be final.

29. Transfer of boat from one owner to another shall be duly registered in the Master Attendant's Office within one week of such transfer, in default, the original owner shall be liable to a penalty not exceeding 10 Rupees.

30. Boat owners refusing to let on hire boats for which licenses have been granted, or allowing their men to ply boats beyond the prescribed limits or time, or landing or shipping cargo without the Boat Master's permission, or otherwise failing to conform to the above rules, shall on conviction be liable to a fine not exceeding 50 Rupees, in default, to imprisonment not exceeding 8 months.

31. The boats shall be so told off for work from day to day as to prevent undue advantage to the owners of some and undue loss to the owners of others.

32. The above rules shall be considered applicable to Catamarans and Canoes also.

33. The above rules are not to be considered to interfere with Ship's Boats or Pleasure Boats taking off or landing passengers or their baggage, or boats stores, all of which must be embarked or debarked within the limits of the Port and also during the prescribed hours only.

34. All Boat owners shall have their Boats inspected and registered as required by the above Rules within the 30th Instant.

A. SASHIAH SASTRI,

DEWAR.

Huzoor Outcherry,)
6th October 1874. }

FORM A.

Register of Licensed Boat belonging to the Port of Alleppey.

No of Boat in the Re- gister.	Name of owner.	Place of re- sidence of owner.	Occupation of owner	No. of Crew	Capacity of the Boat.	Dimensions in length & thickness.	Date of License.

Signature of Master Attendant

FORM B.

I hereby permit _____ to use the boat herein-un-
der specified at the Port of Alleppey under the restrictions
and subject to the penalties laid down in the Rules sanc-
tioned by the Government under date the 6th October 1874.
I have on personal inspection found the said boat to be
sound and sea-worthy.

No. in Register.	Date of Registry.	Dimensions.		Capacity of Boat.	No. of passengers without cargo.	No. of Crew	Names of Crew.	Remarks.
		Length	Thick- ness					

Alleppey, Master Attendant's Office, } *Signature of Master Attendant.*
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C.

Schedule of Boat hire for the Port of Alleppey.

No.	Articles.	Bat hire. f		
		Rs.	As.	Pa.
1	Cocoanuts per 1,000 with Husk	1	8	„
2	Do. Do. without Do.	„	15	„
3	Copra	} per Candy ..	8	„
4	Ginger			
5	Turmeric			
6	Wheat and other grains ...			
7	Iron, Copper, China, Cash and other Metals	Do.	8	„
8	Cotton	Do.	14	„
9	Coir	Do.	10	„
10	Rope	Do.	10	„
11	Europe twist... ..	per Bale	4	„
12	Long Cloth	Do.	5	„
13	Silk cases each	Do.	2	„
14	China paper	per box	3	„
15	Umbrellas	Do.	4	„
16	Crackers... ..	Do.	4	„
17	China plates, basins &c.	Do.	2	„
18	Do. Jars	per 100	1	7
19	Do. preserves	per case	2	„
20	Tea	per chest	4	„
21	8, 15 Caty Boxes	Do.	1	8
22	Spice	Do.	14	„
23	Paddy... ..	per 100 Parahs...	8	„
24	Firewood	per 1,500 Billets...	14	„
25	Water	per Hhds	6	„
26	Do.	per Leagner...	1	„
27	Do. in bulk... ..	per Boat	1	7
28	Pilgrims 15 in No. with sundries embark- ing or landing	Do.	1	2
29	Shipping Planks	per Corgo	1	„
30	Do. Do. Double	Do.	2	„
31	Do. Timber Logs	per Candy	4	„

Half hire to be added when a boat is used on Sundays or beyond the hours specified in rule 16 during ordinary days.

Half the above rates for Pattanam.

Rates of hire for boats.

Single Boat with 6 Oars in fair weather to Pattamar 10 Chs.—Ships 20 Chs.

Do. 4 do. do. do. 8 Chs.—do. 14 Chs.

Do. 3 do. do. do. 7 Chs.—do. 12 Chs.

Night fair weather double the above rates and night foul four rates.

A Boat detained over 1½ hour, double Boat hire, over 3 hours 4 rates—and so on.

Boats detained alongside after 6 p. m. double boat hire in all such cases will be charged to the ships.

A. SASHIAH SASTRI,
Dewan.

FORM D.

Register of Able-bodied Boatmen of the Port of Allapppy.

General No.	Date of Registry.	Names of Boatmen.	Age.	Place of residence.	Occupation.	Remarks.
						Tindals should be distinguished from the rest by a remark in this column.

SIGNATURE OF MASTER ATTENDANT.

NOTIFICATION.

Under Sanction of His Highness the Maha Rajah, it is hereby notified in modification of para 19 of the Boat Rules for the Port of Allapppy dated 6th October 1875, that in future, boats carrying over two tons need be provided with only one additional rower for every two tons in excess, it being found difficult and unnecessary to provide an additional rower for every ton in excess of two tons.

A. SASHIAH SASTRI
DEWAN.

Hannoor Catcherry,
20th June 1878.
10th Augy 1881.

LAND AND SEA CUSTOM CHOWKEYS.

<i>Supt's. Ranges.</i>	<i>Chowkeys.</i>
Arambooly	Arambooly. Poonacoolum. Alavakara. Unjegramum.
Colachel	Manacoody. Colachel. Puttianum.
Poonthoray	Poor. Villinjum. Poonthoray. Anjengo.
Tangacherry (or Quilon) .	Paravoor. Tangacherry. Kayencolum.
Alleppey	Alleppey.
Arcecootty	Katoor. Manakodum. Arcecootty. Velloothooly. Kundanaad. Mookum. Anthacarally
Monumbum	Chathanaad. Varaupulay. Monumbom or Pallipport. Bagawathekota. Ramaswerunkota. Eddapully.
Arienkavoo	Achenkovil Kolathoorpala. Ariengkavoo.

Besides these, there are two Chowkeys, viz: at Vellyamuntum and Goodalore, which are under the control of the Superintendent and Magistrate of the Cardamom Hills, and one at Nattooswami under the control of the Superintendent and Magistrate of the Coffee Districts.

Rules regarding hire of Palankeen Bearers, Carts and Coolies.

1.—The hire for Bearers carrying a loaded Palankeen shall be one chuckram each man per mile, or 4 chuckrams each man for a cauthom (Indian league of 4 miles,) at which rate the hire for a set consisting of 12 Bearers, 1 Mussajee and 1 Cavady Cooly shall be 2 rupees for each cauthom.

2.—Bearers carrying an empty Palankeen shall receive 2 chuckrams and 8 cash each man, or 1 rupee and 5 chuckrams and 4 cash the set for a cauthom.

3.—The hire for Bearers travelling to their post shall be 8 cash each man per cauthom, or for a set consisting of 12 Bearers, 1 Mussajee and 1 Cavady Cooly, 7 chuckrams per cauthom.

4.—If Bearers are detained on the road, they are to receive 3 chuckrams and 3 cash for the first day, and 4½ chuckrams for each succeeding day per man.

5.—A set of Bearers posted, but not made use of, shall be paid 7 chuckrams for every mile, or one rupee for every cauthom they have to travel back to their homes, exclusive of all other charges to which they may be entitled, as before explained.

6.—The hire for a Cart (including driver and bullocks) shall be 3 chuckrams per mile, or 12 chuckrams for a cauthom.

7.—The hire for a Baggage Cooly shall be 8 cash per mile, or 4 chuckrams for a cauthom.

8.—All applications for bearers, coolies, carts, and boats for parties travelling from Trevandrum to Quilon are to be made (with specification of route) to the Peishcar in charge of the Trevandrum Division, who will supply bearers, coolies, carts, and baggage boats at Trevandrum, and make the necessary arrangements with the Tahsildar of Sherangheel for bearers, carts, baggage boats and coolies, and with the Superintendent of Police at Quilon for cabin and baggage boats, rowers, bearers and coolies.

9.—All applications from travellers from Quilon to Trevandrum are to be made to, and will be attended to, by the Superintendent of Police at Quilon, in a similar mode.

10.—Applications for cabin and baggage boats, rowers, and coolies, &c. from Alleppey are to be made to the Commercial Agent and Superintendent of Police at that Station.

11.—Applications from parties travelling from and to other places in Travancore are to be made to the respective Peishcars in charge of Divisions.

12.—No applications for bearers, &c. will be attended to unless accompanied by a written assurance that all charges incurred on account of the dak laid will be paid on demand.

13.—A Memo. of the charges will be furnished to the traveller either from the Dewan Peishcar's Office or by the Police Officer who supplies the bearers, &c.

N. B.—As bearers, &c. are not readily procurable at all stations it would be desirable to give early notice with a view to prevent disappointment.

**Special rates Sanctioned for the Roads from Cottayam
and Chunganacherry to Peermade.**

1. The hire for Bearers carrying a loaded Palankeen shall be 1 Chukrum and 4 Cash per mile per man.
2. Bearers carrying an empty Palankeen shall receive half hire at 10 Cash each man per mile.
3. The hire for a cart (including driver and bullocks) going loaded shall be 4 Chukkrums a mile.
4. The hire for a cart going empty shall be 2 Chukkrums per mile.
5. The hire for a cart going to Peermade loaded and returning empty shall be 6 Chukkrums per mile.
6. If carts are detained, batta at the rate of 7 Chukkrums per driver and pair of bullocks shall be paid.
7. The hire for a Baggage cooly shall be one Chukkrum per mile.

RULES REGARDING HIRE OF MARACAN & ROWERS.

WHEREAS the rates at which Rowers and Maracan are now paid are found to require revision, they are revised as follows; and the following rates will be in force hereafter.

As.P.

Every Rower of loaded Cabin Boat, for every mile.	6 Cash=0 2
Do. do. do of empty do. for. ...	3 Cash=0 1
Maracan of empty or loaded Boat, for day.....	2½ Fan.=5 7
If Rowers and Maracan are detained, each is to be } paid Batta at the rate every day of..... }	1 Fan.=2 2

The persons for whom Rowers, &c., are posted, are required to pay the charges punctually and readily. The Rowers, &c., must be paid before they are expected to move the Boat.

(Signed) T. MADAVA ROW,

Deputy,

According to the foregoing Rules, the rates of hire will be as follows:

From	Miles.	Hire of a Motor for 24 hrs. with loaded Cabs. Road.		Do. for going & coming with loaded Cabs. Road.		Do. for going with loaded & coming with empty Cabs. Road.		Do. for going with load- ed & returning with- out load.		
		Single hire.	Double hire.	One & a ½ hire.	One & a ½ hire.	One & a ½ hire.	One & a ½ hire.			
TREVANDRUM to		Chs. Co.	Chs. Co.	Chs. Co.	Chs. Co.	Chs. Co.	Chs. Co.	Chs. Co.		
Anjengo ...	19	7	2	14	4	10	11	8	14	
Colloctum ...	22	8	4	16	8	12	6	10	5	From Colloctum to Edava via the Vark- ala Hills 6 Miles.
Shernoe Kadavoo ...	24	9	"	18	"	13	8	11	4	" Shernoodavoo across the Hill to Ma- dayara 4 Do.
From										
NADAYARA to										
Quilon ...	19	4	8	9	"	6	12	5	10	" Nadayara to Panavoor 4 Do.
" QUILON to										
Chowray ...	7	2	10	5	4	3	15	3	4	" Varkala to Do. 7 Do.
Ponmanay ...	9	3	6	6	12	5	1	4	3	
Karunagapally ...	15	5	10	11	4	8	7	7	"	
Kayencolum ...	22	8	4	16	8	12	6	10	5	
Aroopand ...	30	11	4	22	8	16	14	14	1	
Mavelikaray ...	25	9	6	18	12	14	11	11	11	
Thiroonapalay ...	28	10	8	21	"	15	12	13	2	
Karamady ...	37	13	14	27	12	20	13	17	5	
Ambalapalay ...	38	14	4	28	8	21	6	17	13	
Alleppey ...	49	18	6	36	12	27	9	23	13	
Aroosud ...	53	19	14	39	12	29	13	24	13	
Ottayam ...	64	24	"	48	"	36	"	30	"	
Shertatallay ...	66	24	12	49	8	37	2	30	13	
Vyooms ...	74	27	13	55	8	41	10	34	11	
Aroocooty ...	80	30	"	60	"	45	"	37	8	
Cochin ...	88	33	"	66	"	49	"	41	4	
Alwaye ...	108	40	8	81	"	60	12	50	10	
Paroor ...	108	40	8	81	"	60	12	50	10	
Carapadana ...	130	48	12	97	8	73	2	60	16	
Pathanapoorum ...	33	12	6	34	12	18	9	15	7	
From ALLEPPEY to										
Ottayam ...	15	5	10	11	4	8	7	7	"	
" Do. to										
Chungumachery ...	12	4	8	9	"	6	12	5	10	
From Chungumachery										
to Shertatallay										
... ..	36	9	"	18	"	13	8	11	4	
" Ottayam to Cochin										
... ..	31	11	10	23	4	17	7	14	6	
" Mavelikaray to										
Alleppey ...	22	8	4	16	8	12	6	10	5	

**Rules for the Conservancy and Sanitation of the Town of
Trevandrum, Sanctioned by His Highness the**

Maha Rajah under date the 11th April 1853.

corresponding with the 26th October 1877.

1. The limits of the Town in which these Rules shall have force will be clearly defined at first and from time to time afterwards, when it may be found necessary to enlarge or contract it.

2. *Source of water supply and public bathing places.* All rivers, streams, tanks, canals, wells, springs which are generally resorted to for bathing or drawing water from, shall, from such date as may be proclaimed, be considered as placed under the control and inspection of the Government Conservancy Officer and his staff whose duty will be in respect of these to prevent their pollution by washing therein or in such portion thereof as may have been forbidden, soiled clothes or rags other than those worn by people at the time of bathing, cooking vessels or cattle of any kind, or soaking therein timber, husks or other materials, tending to destroy the purity of the water or throwing or mixing therein any dirt or substances having the same injurious effect on the water.

Sources of water supply shall be specified and marked out to meet the requirements of washing clothes and animals.

Appendix A.

3. The public thoroughfares within the Town including all main and minor roads, all streets and lanes which are not private property shall be similarly considered as placed under the control and inspection of the Government Conservancy officer whose duty it will be to enforce cleanliness and to prevent and remove all obstructions or inconvenience to traffic and passengers using them in the way of encroachments on the roadway by the erection of temporary shades, pandals, &c., without due permission had or by allowing carts or other vehicles to remain or by picketing cattle thereon unnecessarily.

4. The Conservancy officer shall cause a sufficient number of moveable or fixed dust boxes or other receptacles to be placed in convenient situations in streets and crowded places and shall require the occupiers of houses to cause all dust and rubbish to be deposited daily therein whence it shall be removed and carried away in the scavenging carts belonging to the Conservancy establishment to places that shall be selected by the Conservancy officer from time to time with the permission of the Government.

5. Permission for the erection of temporary sheds for marriage or other purposes where such can be allowed without inconvenience to the public will be granted on application to the Government Conservancy officer. Appendix B.

6. Markets and Bazaars including open spaces where fairs are or may be held, shall also be under the control, inspection and regulation of the Government Conservancy officer, whose duty in respect of these shall be, first, to enforce perfect cleanliness and order; secondly to prevent vegetables or meat unfit for human consumption being exposed for sale.

7. Public latrines (when built or enclosed) and such other places as may be assigned for the purpose shall also be under the exclusive control of the Conservancy officer.

8. *Private privies and backyards.* He shall in this connection have also power to inspect privies and backyards of private dwellings and enforce cleanliness in them. Appendix C.

9. Cart stands, cattle pens and stables owned by private parties shall similarly be under the control and regulation of the Government Conservancy officer who shall have power to enforce cleanliness and order and to remove therefrom cattle suffering from infectious diseases. But when the Government is the owner, the Conservancy officer shall have access to the places and suggest to the officer in charge the enforcement of sanitary rules. If they are not acted upon he shall report the same to the Government.

10. No burial or burning ground whether public or private shall be made or formed on or after the date on which these rules come into force without the permission of the Government. The existing burning and burial grounds shall be open to the inspection and control of the Conservancy officer and subject to the Conservancy rules. But in regard to cemeteries attached to churches and mosques, the Conservancy officer shall when he deems it necessary to inspect them, have access to them with the permission of the priest or minister in charge and suggest the sanitary improvements prescribed by the rules. Should access be refused or the suggestion not acted upon, the Conservancy officer shall report the same to the local Magistrate.

11. All occupations of a dangerous kind such as the making of gunpowder, firework, and premises whereon they or churam kilns or smiths' forges are set up, shall be under the control of the Government Conservancy officer.

12. *Stray Cattle.* It will also be the duty of the Conservancy officer to keep the thoroughfares and streets clear of stray cattle, by causing them to be removed to and detained in pounds (which will be established for the purpose) till released on payment of the prescribed fines by the owners or sold as unclaimed property.

13. *Miscellaneous.* It shall also be the duty of the Conservancy officer

(a) To prevent indecent exposure of the person in the vicinity of thoroughfares for purposes of calls of nature.

(b) To prevent persons who may be afflicted with blindness or loathsome disease squatting on the sides of thoroughfares for purposes of begging.

(c) To prevent carriages being driven during darkness without light.

(d) To prevent cattle being left tethered in the vicinity of roads so as to cause danger to passing conveyances.

(e) To prevent carts and carriages being driven by persons too young or too old or otherwise incompetent.

(f) To enforce the speedy removal of carcasses from roads or from private premises

(g) To prevent glandered horses or any animals suffering from any loathsome or infectious diseases or any substances of offensive smell such as putrid fish being taken into a market, fair or other place of public resort or through any public thoroughfare.

14. Any violation of the said rules, will, on the same being proved, be punished by the Magistracy with fines not exceeding Rupees 10 or in default of fine with simple imprisonment not exceeding 30 days.

15. The Conservancy officer may prosecute, directly or through his subordinates before any competent Magistrate, any persons violating the foregoing rules within 3 months next after the commission of such offences.

SECTION 2 APPENDIX A.

(1.) Cooking vessels may be cleaned at some distance, from the sources of water.

(2.) Washermen and others who may stand in need of washing soiled clothes and rags are allowed the privilege of doing so in the Karamanay river 800 yards below the site of the old bridge and in the Killiyaur river some 200 yards below Killipsulom bridge. The forbidden parts will be marked by posts.

(3.) The following sources of water are assigned for washing animals as well as soiled clothes, rags, &c.

The river ghauts specified in para 2 as well as the sources of water enumerated below,

Kolienoolom. கலிளூலம்

Valoothakantkolum. வலூதகாந்தகூலம்

Arthuvarampukolum at Chally. அர்துவரம்புகூலம் and 3 out of the group of reservoirs in the Brick fields.

SECTION 5 APPENDIX B.

For the erection of temporary sheds for marriage or other purposes, written application should be made to the Conservancy officer who shall inspect the sites applied for and stake out such parts as are absolutely required for sheds being built leaving a sufficient space for free passage of traffic and passengers and shall give his permission in writing.

SECTION 8 APPENDIX C.

Private privies and backyards may be inspected at any time between sunrise and sunset and after 6 hours' notice to their owners, and if opposition is offered the Conservancy officer shall report the same to the local magistracy.

The above rules will come into force on the 20th Kartigay current.

N. NANOOPILLAY,
Deewan.

Divisions of the Town of Travancore for purposes of Conservancy.

The limits of the Town where the Rules for Conservancy and sanitation are intended to operate will at present be coterminous with the limits of the local jurisdiction of the Town Sub-Magistrate and the interior of the Fort. The burial ground on the beach is also included in the jurisdiction.

The Town shall, for the purpose of Conservancy arrangements, be divided into 5 divisions, namely, the Fort Division, the Challay Division, the Tycaud Division, the Pettah Division, and the Sreevarahom Division.

BOUNDARIES.

Fort Division—Bounded on all sides by the Fort.

Challay Division—Bounded on the North by the Public road, running along the canal called "Cochaur" on the South and East by the Southern and Eastern limits of the jurisdiction of the Town Sub-Magistrate and on the West by the road leading to Tiroovellam.

Tycaud Division—Bounded on the North by the Observatory road, on the South by the road running along the Cochaur, on the East by the Eastern limit of the jurisdiction of the Town Sub-Magistrate and on the West by Main road.

Pettah Division—Bounded on the North by the Northern limit of the jurisdiction of the Town Sub-Magistrate, on the South by the road branching off along the outside of the Northern and Western Fort walls and turning from the Western Fort Gate to Shangoomoogom, on the East by the Main road, and on the West by the Parvathy Poothu Canal and Western limit of the jurisdiction of the Town Sub-Magistrate.

Sreevarahom Division—Bounded on the North by the road branching off along the outside of the Southern and Western Forts and turning to Shangoomoogom, on the South by the Southern limit of the jurisdiction of the Town Sub-Magistrate, on the East by the Public road leading to Tiroovellam, and on the West by the Western limit of the jurisdiction of the Town Sub-Magistrate, including the burial ground recently established on the sea coast.

Notification Prohibiting the shooting of Elephants.

Under sanction of His Highness the Maha Rajah, it is hereby notified to all concerned, that the Travancore Sircar strictly prohibits the shooting, or otherwise killing, of wild Elephants, in the territories of the State, except as herein-after provided.

2. Persons convicted of transgressing the provisions of this notification will be summarily punished by the Magistracy with fine not exceeding 50 Rupees or with imprisonment which may extend to three months, or with both.

3. In special cases, the Dewan will, on application, grant a written permit for shooting Elephants; and those who obtain such permits and act only in conformity with their provisions, will be exempted from the penalties specified in the preceding para.

4. General permits will be granted on application to such subjects of this State as possess properties in or near jungles infested by wild Elephants; and such subjects will be authorized by the permits to kill Elephants, but in defence of their persons and properties only.

5. Persons killing wild elephants in self-defence will be exempted from the penalties specified in para 2 of this notification; but such persons shall immediately report the circumstance to the nearest Police Officer.

6. In any case, the tusks, teeth, &c. of wild Elephants, however death may have occurred, will, as hitherto, be the property of the Sircar, and are deliverable to the nearest Police Officer.

7. The Sircar will pay a reward to any person who will give information of the illicit killing of Elephants, or of appropriation of their tusks, such as will lead to the conviction of the offender.

T. MADAVA ROW,
DEWAN

Hamoor Cutcherry, }
Trevandrum, }
18th October 1869. }

Notice to Europeans & Americans Resorting to Travancore.

Europeans and Americans who arrive in Travancore are requested to immediately report the circumstance to the nearest Police Authority. Should they desire to reside permanently in this country, they have previously to obtain the permission of the Sircar, through the British Resident, which, if deemed unobjectionable by the authorities, will be duly accorded on the parties agreeing to conform to the local laws and usages.

Europeans and Americans, residing in Travancore, are expected, *in like manner*, to obtain the sanction of the Sircar in every instance of purchasing or otherwise acquiring landed property.

The four Divisions of Travancore and Districts or Taluqs comprised therein.

Division.	Station of the Officer in charge.	Districts comprised in the Division	Stations of the Tahsildars of the Districts.
Palpanabapuram or Southern..	Palpanabapuram.	Thovanlah Agastheesuram Erraneel Kuloulam Velavancode	Poothapanndy. Shoshoendrum. Erraneel. Palpanabapuram. Cooletthoray.
Trevandrum	Trevandrum.	Neyattankaray Trevandrum Neddoovengaad Sherangheel	Neyattankaray. Trevandrum. Neddoovengaad. Sherangheel.
Quilon ...	Quilon.	Quilon Kunattoor Karunagapully Kartigapully Mavellikaray Chenganoor Tiruvella Ambalapuley Kotaurakaray Pathnapuram Shencottah	Quilon. Kunattoor. Pudnaircolunkaray Arrepaud. Mavellikaray. Chenganoor. Tiruvella. Ambalapuley. Kotaurakaray. Pathnapuram. Shencottah.
Cottayam or Northern ..	Cottayam.	Shertallay Vykar. Yetmanoor Jottayam Changanacherry Meenachel Mooantupulay Thodoopulley Kunattoonaad Anlangaad Paravoor	Shertallay. Vykar. Yetmanoor. Theroonakaray. Changanacherry. Palah. Mooantupulay. Karicode. Perroombavoor. Tiruwalloor. Cunnencoolankara.

**Routes of Main Trunk Roads and Backwaters,
with distances and Travellers' Bungalows.**

A Star (*) denotes Travellers' Bungalow.

Stages	Mileage	Remarks
<i>From Trevandrum (Port) to Tinnevely via Aramboly Pass 93½ Miles</i>		
Trevandrum*	0	
Neyattenkaray*	11	
Coolythoray*	12	
Oodagherry*	10	
Nagercoil*	9	
Aramboly	8	
Panagoody*	5½	British
Tinnevely* (Railway Station)	98	Do
<i>From Nagercoil to Colachel Port</i>		
Nagercoil*	0	
Colachel*	14	
<i>From Trevandrum (Port) to Trichoor & Shoranur via Cochin 192 Miles</i>		
Trevandrum Basin*	0	
Angengo	18	
Naddavara*	8	
Quilon*	12	
Airenthungo*	18	
Carmandy	20	By
Alleppey* (Port)	11	Back water
Cochin* (Port)	39	
Trichoor*	46	British
Shoranur (Road) (Railway Station)	20	Cochin
		British
<i>From Trevandrum (Port) to Northern Frontier via Cochin 156 Miles</i>		
Trevandrum*	0	
Bavanapuram	20	
Nellamail	9	
Cottaraouray*	17	
Yanadymungalum	6	
Uddoor*	7	
Pundalum	7	
Ohenganoor	9	
Ohunganacherry*	12	
Cottayam*	10	97 Miles.
Yetumanoor	7	
Yelacud	8	
Koothathacoolam	8	
Moovatoopalay	12	
Perumbaloor	12	
Northern Frontier	12	

Stages.	Mileage.	Remarks
<i>From Trevandrum (Fort) to Shencottah 64 Miles.</i>		
Trevandrum*	0	
Nedoovangaud*	12	
Pallode	10	
Madathorycawny	10½	
Colathoorpully*	7½	
Arnenkavoo*	14	
Poolyarray* . . .	5	
Shencottah*	5	
<i>Alleppey to Permade, Goodalore & Cumbum 98 Miles</i>		
Alleppey*	0	} By Backwater
Cottayam*	16	
Warroor*	17	
Moondakayam*	15	Foot of Ghaut
Permade	18	Head of Ghaut
Periar Ferry	14	
Goodalore Ghaut head	10	
Goodalore	7	British
Cumbum	6	Do
<i>From Quilon to Shencottah 60 Miles</i>		
Quilon*	0	
Koondara	10	
Cottaracurray*	6	
Poonalore*	12	
Camp Gorge	15	
Arnenkavoo*	6	
Poolyarray*	5	
Shencottah*	5	
<i>From Kayencolum to Poonalore on Road from Quilon to Shencottah 35 Miles</i>		
Kayencolum	0	
Pullicul*	4½	
Uddoor* ..	13½	
Pathanapuram*	10	
Poonalore* ...	7	

**Pension Rules established under Sign Manual by H. H. the
Maha Rajah.**

Under date the 15th August, 1864.
1st Chingom, 1040.

1. All Public servants drawing monthly salaries of 30 Rs. and upwards and named in the annexed List marked A, shall be entitled to pension under these rules.

2. The applicant for pension must have served the Sircar for a period not less than 15 years, on a monthly salary of 10 Rupees and upwards

3. If the applicant's service fall short of 30 years, he cannot have a pension, unless incapacitated for further employment by old age, protracted ill-health, loss of sight, or other bodily or mental infirmity. Competent medical testimony to such incapacity shall always accompany an application for pension in such circumstances. But when service is more than 30 years, such testimony shall not be required.

4. Public servants of standing between 15 and 20 years, who are entitled to pension under these rules, shall be granted pensions equal to one-fourth of their monthly salaries calculated on an average of five years previously to the date of the application for pension. If the service has been for more than 20 but less than 30 years, and the public servant is entitled to pension under these rules, the amount shall be one-third of the monthly salary calculated in the manner above stated. Similarly, if the public servant has served 30 years or upwards, and his case satisfies the rules, the amount of his pension shall be one-half of his monthly salary calculated as above.

5. In no case, however, is the amount of pension to exceed 500 Rupees a month.

6. Pensions granted under these rules are not liable to attachment or sequestration in satisfaction of any decree or order of Court.

7. Pension certificates cannot be mortgaged or otherwise transferred. The pensions are payable only to the individuals in whose names they have been granted or to their authorized Vakeels.

8. Dismissal for misconduct entails forfeiture of the benefit of past service.

9. Service as substitute does not count towards pension when the substitute holds no substantive appointment.

10. The whole of the service in virtue of which pension is claimed, must have been passed in one of the grades specified in the annexed List marked B.

11. Periods of service before the age of 18 shall not count towards pension.

A.

Dewan.

Dewan Peishcar.

Vallia Mel Elthoo Pillay.

Mel Elthoo Pillay.

Dewan's Secretary.

Police, Maramut, Chowkey, Devasom and Mint Sheristadars.

Foundary Commissioner.

Palace Sarwathy Kariacar.

Do. Mel Elthoo Pillay.

Do. Samprethy Pillay.

Nithiachilavoo Kariacar.

Chellom Kariacar.

Sheristadar of the Petition Department, Palace.

Tutor to the Young Princes.

Stable Kariacar.

Judge of the Sudr Court.

Registrar to Do.

Judge of the Zillah Court.

Moonsiff.

Tahsildar.

Superintendents of Police, Quilon and Trevandrum.

Sheristadar of the Commercial Department.

Husur Samprethy.

Pepper Department Samprethy.

Husur Treasurer.

Manager, Husur Office.

Deputy Manager do. do.

Husur Head Royasom.

Do. Deputy do.

Jemabundy Head do.

Unjel Superintendent.

Manager, Sudr Court's English Office.

Supervisor of Salt Bankahalla.

Chowkey Superintendent.

Extra Police Officer.

Jail Superintendent.

Pillamars, Royasoms, Goomastas, Cashkeepers, Translators, Writers, Samprethies and Visharippoes drawing monthly salaries of 80 Rupees and upwards in the Huzur Cutcherry, Sadr Court, Palace, Commercial Department, and Zillah Courts.

B.

Appointments included in the List A.

Accountants, Royasoms, Cashkeepers, Goomastas, Goomastakenmars and Clerks in the Huzur Cutcherry and Sadr Court; and every Office in the other Departments, to which is attached a monthly salary of 10 Rupees or upwards excepting such grade as that of Peon.



Travancore Import Tariff.

No customs duties will be levied on goods imported by land, sea or back-water into Travancore being the produce or manufacture of British India or of the territories of the Cochin State excepting on the following articles which will be treated as articles under numbers in the 1st column of the Import Tariff which are given opposite to each article hereunder.

Tobacco, raw and manufactured as per No. 58 in the 1st column of the Import Tariff.

Salt.....Do. No. 49.....Do.

OpiumDo. No. 40.....Do.

SpiritsDo. No. 32.....Do.

Imported goods other than those which are the produce or manufacture of British India or the territories of the Cochin State which shall have already paid duty to British India or the Cochin State will be exempted from duty.

The Sircar will not tax Coimbatore or other British Indian produce passing through the Travancore back-water to British Cochin or to the Cochin State nor tax the produce of the territories of the Cochin Sircar directly proceeding through Travancore to British Cochin or to some other part of the territories of the Cochin State itself. *Vide* Notification No. 265 dated 14th Vaikansy 1040.

6th May 1885. published at page 125 of the Travancore Gazette dated 1st Anny 1040.
13th June 1885.

IMPORT TARIFF

NO	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
1	APPAREL INCLUDING HABERDASHERY AND MILLINERY, BUT EXCLUDING BOOTS, SHOES AND HOSIERY		Rs A.	
2	ARMS, AMMUNITION AND MILITARY STORES—*		<i>Ad valorem</i>	5 per cent
	Fire arms and parts thereof—			
	(1) Fire arms other than pistols for each		Rs A	50 0
	(2) Barrels for the same, whether single or double for each		30 0	15 0
	(3) Pistols for each		10 0	
	(4) Barrels for the same, whether single or double for each		8 0	
	(5) Springs used for fire arms for each		5 0	
	(6) Gun stocks sights blocks and rollers for each		2 8	
	(7) Revolver breeches, for each cartridge which they will carry			
	(8) Extractors, nippers, heel plates, pins screws tangs, bolts, thumb pieces, triggers trigger guards hammers, pistons, plates and all other parts of a fire arm not herein otherwise provided for, and all tools used for cleaning or putting together, or loading the same for each		1 8	
	(9) Machines for making or loading or closing cartridge, for each		10 0	
	(10) Machines for capping cartridges for each		2 8	
	Exception 1 Articles falling under the 5th, 6th, 8th, 9th or 10th head of the above list when they appertain to a fire-arm falling under the 1st or 3rd head and are fitted into the same case with such fire-arm are free			

* Articles enumerated under No. 2 will not be allowed to be imported by Sea into any other Port than Alibey. For Notification dated 27th June 1870 published at page 611 of the Transcaspian Gazette dated 27th June 1870.
27th June 1870.
27th June 1870.

IMPORT TARIFF.—(continued.)

No.	NAMES OF ARTICLES.	PBR.	TARIFF VALUATION	RATE OF DUTY.
	<i>Exception 2.</i> No duty in excess of 10 per cent. <i>Advallorom</i> shall be levied upon any of the said articles imported in reasonable quantity for his own private use by any person lawfully entitled to possess the same ...		Rs. A.	
	<i>Exception 3.</i> When any articles which have been imported otherwise than by any such person, and upon which duty has been levied or is leviable under this head, or purchased retail from the importer by a person lawfully entitled as aforesaid, in reasonable quantity for his own private use, the importer may apply to the Dewan for a refund or remission (as the case may be) of so much of the duty thereon as is in excess of 10 per cent <i>Advallorom</i> and if the Dewan is satisfied as to the identity of the articles and that such importer is in other respects entitled to such remission he shall grant the same accordingly ...			
	Gunpowder, common ...	lb.	0 5	} 10 per cent.
	Do. sporting ...	"	1 0	
	All other sorts ...	"	<i>Advallorom</i>	
10	CHINESE AND JAPANESE-WARE, INCLUDING LACQUERED-WARE BUT EXCLUDING EARTHENWARE, CHINA AND PORCELAIN.		"	
11	CLOCKS, WATCHES, AND OTHER TIME-KEEPERS ...		"	
12	CORAL BEAL ...		"	} 5 per cent
13	CORK AND ARTICLES MADE OF CORK—			
	Bottle-corks ...	Gross.	1 12	
	Vial-corks ...	"	0 8	
	All other sorts ...	"	<i>Advallorom</i>	
16	COTTON AND ARTICLES MADE OF COTTON—			

IMPORT TARIFF —(continued)

No.	NAMES OF ARTICLES.	PER.	TARIFF VALUATION	RATE OF DUTY
	COTTON AND ARTICLES MADE OF		Rs. A.	
	COTTON—			
	Cotton homery	Owt	<i>Ad valorem</i>	
	Cotton rope	"	30 0	
	Country canvas	"	50 0	
	Peace Goods—			
	Grey—			
	Jaconets, exceeding 10×10	lb	0 10½	½ per cent.
	to the quarter inch			
	Jaconets, other sorts	"	0 9	
	Mulls	"	0 15	
	Printers	lb	0 10½	
	Shirtings long cloths and			
	Madapollams	"	0 8½	
	T Cloths 18 reed and up	"	0 9	
	wards	"	0 9	
	T Cloth exceeding 12×10	"	0 8½	
	and not above 4 lbs	"	0 8½	
	T Cloths under 10 reed	"	0 7	½ per cent.
	jeans, domestics, sheet			
	ings and drills (a)			
	T Cloths other sorts, jeans			
	domestics, sheetings and			
	drills	"	0 7	
	Sewing thread—			
	Goa and Country	Owt	30 0	
	On reels or cards containing			
	100 yards each and <i>pro</i>			
	rata above and below (b)	Gross.	3 0	
	White and coloured	lb	1 0	
	Twist—			
	Mule—No 15			
	& lower num			
	bers			
	No 16 to 24	"	0 5	½ per cent.
	" 25 to 32	"	0 7	
	" 33 to 42	"	0 8	
	" 43 to 52	"	0 9	
	" 53 to 60	"	0 10½	
	" 61 to 70	"	0 12	
	" 71 to 80	"	0 13½	
	"	"	0 15	

(a) These articles are free if shown to the satisfaction of the Dewan, whose decision shall be final, to be of the dimensions, weights, counts, and qualities now generally known under those descriptions and to contain no yarn of a higher number than 32 s

(b) Duty to be charged either on the mark or on the actual length.

IMPORT TARIFF.—(continued.)

NO.	NAMES OF ARTICLES.	PER.	TARIFF VALUATION		RATE OF DUTY.
			Rs.	A.	
	And so on, one anna to be added to the valuation per lb for every count of ten or part of a count of ten, above 80.				
	Water—No. 20 and lower numbers (excepting grey which is free)	lb.	0	8	2½ per cent.
	No. 21 to 30... ..	"	0	9	
	" 31 to 40... ..	"	0	11	
	" 41 to 50... ..	"	0	12½	
	Above 50... ..	"	0	15	
	Twist, Orange, Red, and other colours except Turkey Red (c)	"	0	11	5 per cent.
	Twist, Turkey Red all kinds (c)	"	1	2	
	Cotton goods, all other sorts. . . . .	...	<i>Ad valorem</i>	
17	DRUGS AND MEDICINES, EXCEPT OPIUM (d)				
	Aloes, black.	Owt.	14	0	5 per cent.
	" socotra	"	28	0	
	Aloe wood	"	3	0	
	Assafetida (hing)	"	75	0	
	" coarse (hingra)	"	12	0	
	Brimstone (amalsara) . . .	"	40	0	
	Camphor, Bhemasini (baras)	lb.	80	0	
	Camphor refined, cake . . .	Owt.	55	0	
	" crude in powder	"	50	0	
	Cassia lignea	"	26	0	
	China root rough	"	9	0	
	" scraped	"	22	0	
	Galangal china	"	8	0	
	Pellitory (Akalkura)	"	35	0	
	Storax, liquid (Rose Mel- loes)	"	36	0	
	Salep...	"	90	0	
	Senna leaves	"	4	0	
	All other sorts, except quinine which is free . . .	"	<i>Ad valorem</i>		
18	DYEING AND COLOURING MATERIALS—				

(c) Duty to be charged on the grey weight of the coloured yarn; when this is not ascertainable, the actual wharf weight or invoice weight, to be taken.

(d) Drugs China clay imported into Travancore ports by paper manufacturers, and shown to the satisfaction of the Dewan where they are imported to be intended solely for use in the manufacture of paper, are exempted from the whole of the duties to which they are liable under this Tariff.

IMPORT TARIFF—(continued)

No.	NAMES OF ARTICLES	Pkg.	TARIFF VALUATION		RATE OF DUTY
			Rs.	A.	
	Aniline dyes—Magenta and				
	Roseane -	lb	4	0	
	Scarlet -	"	3	0	
	Cochineal -	"	1	12	
	Gallnuts, country, Myra-				
	bolam -	Cwt	4	8	
	" Persian	"	35	0	
	Madder or marnyth	"	12	0	
	Orchilla weed	"	5	0	
	Sapan wood and root	"	5	8	
	All other sorts (c)		Advalorem		
18	EARTHEN WARE (EXCEPT EARTH EN WARE PIPING,) CHINA, CHINA CLAY (e) AND PORCE- LAIN				
20	FIRE WORKS—				
	China	Box of 123½ lbs	30	0	
	All other sorts		Advalorem		
23	GLASS, GLASS WARE, BEADS, FALSE PEARLS AND FALSE CORALS—				
	Bangles, Glass, China, gilt	100 Pairs	15	0	
	" " " not gilt	"	2	8	
	Beads, China	Cwt	30	0	
	Coral, False		Advalorem		
	Glass, China, of all colours	133½ lbs	32	0	
	" Crown coloured	100 Supl feet	25	0	
	" " of glass	"	6	0	
	Pearls false—				
	Lolakh	Thousand	0	12	
	Bayris	Lakh	3	0	
	Boria	Thousand	1	0	
	Jouria	Lakh	5	0	
	Nathia	Thousand	0	3	
	Tachia	"	1	0	
	Wattanah	Lakh	9	0	
	All other sorts of beads, false pearls and glass except bot- tles used to bottle beer, wine, spirit, or aerated wat- ers, which are free		Advalorem		
24	GUM, GUM RESINS, AND AR- TICLES MADE OF GUM OR GUM RESIN—				
	Copal	Cwt.	65	0	
	Gutch and Gambier	"	12	8	
	Gum Ammoniac	"	14	0	
	" Arabic	"	18	40	

(c) Lac of all sorts is free.

(e) See note (d).

IMPORT TARIFF.—(continued.)

No.	NAMES OF ARTICLES.	PER.	TARIFF VALUATION		RATE OF DUTY.
			Rs.	A.	
	Gum Bdellium, (common gum) ..	Cwt.	7	0	
	„ Benjamin ..	„	40	0	
	„ Bynabol (coarse myrrh) ..	„	16	0	
	„ Olibanum or frankincense ..	„	12	0	
	Kino ..	„	10	0	
	Myrrh ..	„	35	0	
	„ Persian (false) ..	„	4	0	
	Rosin (f) ...	„	5	8	
	All other sorts ..	„	Ad valorem		
25	HARDWARE AND CUTLERY, INCLUDING IRON-MONGERY AND PLATED-WARE, BUT EXCLUDING MACHINERY AND THE COMPONENT PARTS THEREOF WHICH ARE FREE (g) AND AGRICULTURAL IMPLEMENTS, WHICH ALSO ARE FREE ..	..	..	..
28	INSTRUMENTS AND APPARATUS— Musical ..	..	..	..
29	IVORY AND IVORY-WARE— Unmanufactured— Elephants' grinders ..	Cwt.	125	0	5 per cent.
	Elephants' tusks (other than hollows) each exceeding 20 lbs. in weight and hollows each weighing 10 lbs. and over ..	„	500	0	
	Elephants' tusks (other than hollows) not less than 10 lbs. and not exceeding 20 lbs. each and hollows each weighing less than 10 lbs. ..	„	425	0	
	Elephants' tusks each less than 10 lbs. ...	„	225	0	
	Sea-cow or Moyo teeth each not less than 4 lbs. ..	„	175	0	
	Sea-cow or Moyo teeth each not less than 3 lbs. and under 4 lbs. ...	„	85	0	
	Sea-cow or Moyo teeth each less than 3 lbs. ...	„	55	0	
	Articles made of Ivory— Bangle-rings ..	„	800	0	

(f) Rosin exempt from the duty to which it is liable under this Tariff, when imported into Travancore by paper manufacturers and shown to the satisfaction of the Dewan where it is imported to be used solely in the manufacture of paper.

(g) This includes engines, tenders and other machinery imported for railway purposes.

IMPORT TARIFF —(continued)

No.	NAMES OF ARTICLES.	Unit.	TARIFF VALUATION	RATE OF DUTY
	Cylinder—rings	Cwt	Rs. 1000 0	
	Other sorts		Advalorem	
30	JEWELLERY INCLUDING PLATE—			
	Silver ware plain	Tola	1 2	5 per cent
	„ Embossed or chased <small>(other than European)</small>		1 8	
	All other sorts except precious stones and pearls which are free		Advalorem	
32	Liquors*—			
	Ale, beer, and porter	{ Impd Gallon or six quart bottles }		One Anna.
	Order, and other fermented liquors			Rs. 4.
	Liqueurs	„		
	Spirit, for use exclusively in arts or manufactures or in chemistry, which has been rendered effectually and permanently unfit for human consumption		Advalorem	10 per cent
	Spirit, other sorts	{ Impd Gallon or six quart bottles of the strength of London proof }		{ Rs. 4 and the duty to be increased in proportion as the strength of the spirit exceeds London proof }
	Wines—			
	Champagne and all other sparkling wines	Impd Gallon or six quart bottles.		Rs. 2 8
	Claret, and still Burgundy	„		{ Rs. 1
	All other sorts of still wines	„		}
33	MATURED, LUGIFER, AND ALL OTHER SORTS		Advalorem	
35	METALS, UNWROUGHT, WROUGHT AND ARTICLES MADE OF METALS—			
	Brass—			
	Beads, Ghungri, Chins	Thousand	1 0	
	„ „ old	Cwt	30 0	
	Sheets, rolls, very thin	„	84 0	
	Wire	lb	0 7	
	All other sorts		Advalorem	5 per cent.
	Copper—			
	Australian cake	Cwt.	47 0	
	Bolt	„	48 0	
	Brass rods and sheets	„	48 0	
	China cash	„	32 0	
	Japan	„	41 0	
	Nails and composition nails.	„	48 0	
	„ „ old	„	40 0	

* Liquors which have paid the foreign import duty in British India are exempted from duty. Vide Notification dated 23rd Aug 1940 published at page 263 of the Travancore Gazette dated 25th Aug 1940.

25th August 1941.

IMPORT TARIFF —(continued)

NO	NAMES OF ARTICLES.	PER.	TARIFF VALUATION	RATE OF DUTY
	Pigs and slabs foreign	Cwt.	Rs 43 0	1 per cent
	Sheet, Sheathing, and plate and raised bottoms	"	50 0	
	Tiles, ingots, cakes and bricks	"	44 0	
	Other sorts unmanufactured		Advalorem	
	China white copper wire	lb	1 2	
	Foil or dakpana	100 leaves	3 0	
	Wire	lb	0 9	
	All other sorts (/)		Advalorem	
	Gold Leaf, European	100 leaves	3 0	1 per cent
	" Mock	20 books	5 0	
	Iron—			
	Anchors and cables		Advalorem	
	Angle and T u n	Ton	120 0	
	Beams, pillars, girders, bridgeworks and other descriptions of iron imported exclusively for building purposes		Advalorem	
	Flat, square and bolt, in cluding scotch	Ton	95 0	
	Galvanised	Cwt	11 0	
	" sheets and ridging	"	12 0	1 per cent
	Hoop, plate and sheet	Ton	120 0	
	Nails, rose, clasp, and flat headed, rivets and wash ers	Cwt	12 0	
	Nails other sorts, including galvanised		Advalorem	
	Nail rod	Ton	100 0	
	Old	Cwt	1 8	
	Pig	Ton	50 0	
	Pipes and tubes		Advalorem	
	Rice bowls	Set of ten	5 0	1 per cent
	"	" six	2 8	
	Rod, round, British, not exceeding half an inch in diameter	Ton	105 0	
	" exceeding half an inch in diameter	"	95 0	
	Swedish, flat square, and bolt	"	140 0	
	" nail rod	"	175 0	
	" round rod not exceeding half an inch in diameter	"	185 0	
	Turned plates	Cwt.	12 0	

(1) This does not include copper coin.

IMPORT TARIFF.—(continued.)

No.	NAMES OF ARTICLES.	PBR.	TARIFF VALUATION		RATE OF DUTY.
			Ra.	A.	
	Swedish round iron of all sizes	...	Advalorem		} 1 per cent.
	" iron sheets and plates.	...	"		
	All other sorts (k) including wire but excluding railway materials, and kentledge, which last-named article is free	...	"		
	Lametta, double reels	Score	4	8	}
	" single "	"	2	4	
	Lead—				
	Ore, Galena...	Cwt.	13	0	}
	Pig ...	"	12	0	
	Pipes	"	Advalorem		
	Sheets, tea	Cwt.	20	0	}
	" other sorts	"	13	0	
	Oradue and brass leaves, foreign European	lb.	1	2	
	" " China	"	1	0	}
	Patent or "Yellow Metals, sheathing, shoots and bolts	Cwt.	40	0	
	" " old	"	30	0	
	Quick Silver	lb.	1	3	}
	Shot, bird	Cwt.	16	0	
	Steel excluding railway materials—				
	Blistered	"	9	0	}
	British and foreign other than Swedish	"	7	8	
	Cast	"	21	0	
	Spring	"	9	0	}
	Swedish	"	10	0	
	Tin, Block	"	50	0	
	" Foil China	lb.	0	12	}
	" other sorts	"	Advalorem		
	Zinc or Spelter—				
	Nails ...	Cwt.	21	8	}
	Plate and other shapes, soft.	"	15	0	
	" " " hard.	"	12	0	
	Sheet or zinc sheathing	"	16	0	}
	All other sorts except current coin and bullion which are free	...	Advalorem		
40	Opium—				
	N. B. Ought to have paid duty to the British India Government and can be imported only by the Government contractor	lb.	13	2	10 per cent.

(k) Iron ore is free.

IMPORT TARIFF.—(continued.)

No.	NAMES OF ARTICLES.	PER.	TARIFF VALUATION		RATE OF DUTY.
			Ra.	A.	
41	PAINTS, COLOURS, PAINTERS' MATERIALS, AND COMPOSITIONS FOR APPLICATION TO LEATHER AND METALS—				
	Ochre other than European, all colours (l)	Cwt.	1	4	5 per cent.
	Paints of sorts	"	12	0	
	" Composition	"	30	0	
	" Patent driers	"	15	0	
	Prussian blue, China	lb.	0	8	
	" " European	"	1	0	
	Red lead	Cwt.	14	0	
	Turpentine	Impl. Gallon	1	12	
	Verdigris	Cwt.	70	0	
	Vermilion, Canton	Box of 25 Bundles	75	0	
	White lead	Cwt.	13	0	
	All other sorts	...	Ad valorem		
43	PERFUMERY—				
	Atary, Persian	Cwt.	15	0	Ra. 4.
	Perfumed spirit in wood, or in bottles containing more than half a pint	Impl. Gallon	...		
	Rose-flowers, dried	Cwt.	10	0	
	Rose-water	Impl. Gallon	1	12	
	All other sorts, including perfumed spirit in bottles containing not more than half a pint	...	Ad valorem		
44	FINE GOODS, NOT OTHERWISE DESCRIBED EXCEPT FINE GOODS, MADE OF JUTE WHICH ARE FINE	...	"		
47	PROVISIONS AND OILMAN'S STORES—				5 per cent
	Bacon in canisters, jowls and cheeks	lb.	0	12	
	Beef and pork	{ Three of three cwt. Barrel of two "	60	0	
			40	0	
	Cheese	lb.	0	12	
	China preserves	Box of six Jars	8	0	
	Flour	{ Barrel or Sack of 40 lbs.	18	0	
	Sago	Cwt.	12	0	
	Tapioca	"	13	0	
	Ghee	"	40	0	

(1) Ochre is exempt from the duty to which it is liable under this Tariff if imported into Travancore by paper manufacturers, and shown to the satisfaction of the Dewan, where it is imported to be intended solely for use in the manufacture of paper.

IMPORT TARIFF —(continued)

No.	NAMES OF ARTICLES	MEAS.	TARIFF VALUATION	RATE OF DUTY
	Groceries not otherwise described		Rs. A.	
	Pork hams	lb	<i>Ad valorem</i> 0 12	5 per cent 12 Annas
	Salted fish (m)	Cwt	10 0	
	Tongues, salted	Keg of six	1 0	
	Vinegar, European, in wood	Impl. Gallon	1 0	
	" Persian	"	1 0	5 per cent
	" Country	"	0 6	
	All other sorts except béche de mer, fish maws, shark fins, singally and Scalle which are free		<i>Ad valorem</i>	
49	SALT—			
	N B Ordinary Salt cannot be imported except on account of the Government			
	Indippoo	{ Indian Maund of 3,200 Tola		Rs 2 As 8
51	SHELLS AND COWRIES—			
	Shells—			
	Large shells, for cameos	Hundred	6 0	5 per cent
	White, live	"	6 0	
	" dead	"	5 8	
	Cowries—			
	From Mozambique and Zanzibar	"	0 8	5 per cent
	From other places	"	0 8	
	Cowries—			
	Basar Common	Cwt	3 0	5 per cent
	Nakhla	"	60 0	
	Maladive	"	7 8	
	Sankhli	"	50 0	
	Yellow, superior quality	"	2 8	
	Mother of pearl	"	20 0	
	Tortoise shell	lb	6 0	
	" nakh	"	1 0	
	All other sorts, including nakhla		<i>Ad valorem</i>	
52	SILK (a) AND ARTICLES MADE ON SILK—			
	Floss	lb	9 0	
	Piece goods		<i>Ad valorem</i>	
	Raw Silk—			

(a) Duty to be levied only on salted fish imported into the Bombay Presidency except Sindh, and into such other parts of British India as the Governor-General in Council may, by notification in the *Gazette of India*, from time to time direct.

(a) The value of raw Silk the produce of the Tassar or other wild worms when such Silk is imported from China is fixed at Rs. 4 per lb.

IMPORT TARIFF.—(continued.)

No.	NAMES OF ARTICLES.	PER.	TARIFF VALUATION		RATE OF DUTY.
			Rs.	A.	
	Chaháram Cochin China and Yellow Shanghai	lb	5	0	1
	Mathow	"	2	0	
	Panyam	"	1	6	
	Other kinds of China	"	7	0	
	Waste and Kachra	"	1	0	
	Pernan	"	4	8	
	Siam	"	2	0	
	Raw silk the produce of the Tassar or other wild worms	"	2	8	
	Sewing thread China	"	9	0	
	All other sorts		Ad valorem		
54	SPICES—				
	Aniseed star	Owt	33	0	3 per cent
	Betelnuts—				
	Goa	"	12	0	
	In the husk	Thousand	2	0	
	White Sivaraddhan	Owt	20	0	
	All other sorts	"	11	0	
	Chillies, dried	"	9	0	
	Cloves	"	70	0	
	" Stems and heads	"	22	0	
	" in seeds, Narlavang	"	40	0	
	Mace	lb	1	0	
	Nutmegs	"	1	0	
	" in shell	"	0	8	
	Pepper black and long	Owt	20	0	
	" white	"	32	0	
	All other sorts		Ad valorem		
55	STATIONERY (EXCEPT PAPER WHICH IS FREE) (c)			"	
56	SUGAR—				
	China, candy	Owt	25	0	
	Loaf	"	28	0	
	Soft	"	16	8	
	All other sorts of saccharine produce		Ad valorem		
57	TEA—				
	Black	lb	0	10	.
	Green	"	1	2	

(c) This includes Mill board and paste board.

IMPORT TARIFF —(concluded.)

No	NAMES OF ARTICLES	PRE.	TARIFF VALUATION		RATE OF DUTY
			Rs	A	
58	TORACCO *				
	Snuff	per bottle of 34	2	2	} 8 per cent As hitherto
	Cigars	lb	3	8	
	Goodak	"	0	8	
	Unmanufactured	"	..	..
60	TOYS AND REQUISITES FOR ALL GAMES		Ad valorem		
61	UMBRELLAS—				
	China paper kettisals	Box of 110	45	0	} 8 per cent
	Cotton steel ribbed	each	0	13	
	" cane-ribbed	"	0	12	
	" oiled other than Euro	"	0	8	
	pearl	"	0	8	
	All other sorts		Ad valorem		
62	WOOLLEN GOODS—				
	Braid		"	"	
	Hosiery		"	"	
	Piece Goods		"	"	
	All other sorts		"	"	

* Raw and confectioned, dutiable under the bonding system governed by separate rules

Travancore Export Tariff.

No.	DESCRIPTION OF GOODS.	PER.	TARIFF VALUATION		RATE OF DUTY.
			Ra.	A.	
1	ALL PRODUCE OF THE COCOA-NUT TREE (a)—				
	Copra	Cwt	8	8	} 5 per cent
	Cocoanuts	1000	30	0	
	" oil (see oils)	...	...	...
	Cour	Cwt.	9	0	
	Cables tanned and untanned	Do	10	0	
	Cour fibre	Do	7	1	
	Cocoanut leaves	1000	7	1	
	Jaggry and Candy	Cwt	3	8	
	Arrack	Bottles 12	3	0	
	Cocoanut shells	1000.	0	6	
	Toddy Treacle, Plants and huaks ... ..	...	Advalorem	
2	ALL PRODUCE OF THE ARECA NUT TREE (a)—				} 5 per cent
	Areca nuts without husk ...	Candy.	125	0	
	Do. in husk ...	Do	67	0	
3	ALL PRODUCE OF THE PALMYRA TREE (a)—				
	Jaggry and Candy ...	Cwt	3	8	} 5 per cent if exported to British India or Far East Colonies if to other Countries 12 Annas per Mased.
	Arrack	Bottles 12	3	0	
	Cadjans	1000	1	0	
	Toddy for distilling, sweet toddy, leaves, fibre baskets, leaf baskets, and stalk fibre ... ..	.. ..	Advalorem	
4	ALL KINDS OF GRAINS AND OIL SEEDS—				
	Paddy	Cwt	2	0	} 5 per cent if exported to British India or Far East Colonies if to other Countries 12 Annas per Mased.
	Rice	Do	3	4	
	Green gram	Do	4	0	} 5 per cent
	Black gram	Do	3	12	
	Country beans or Paroom-payaroo	Do	3	0	
	Horse gram	Do	2	4	
	Gingelly seed	Do.	6	0	
	Channah, Thunah, Raggy, Varagoo and Varagary ... ..	...	Advalorem	

(a) No commodities other than those under Nos. 1, 2, 24, and 28 and varieties of Sugar under Nos. 1, 3 and 12 of the 1st column of the above schedule shall be subject to export duty at Ramaswarencottah and Edappanilly and at Bagavadoottah no other than the above and pepper. Vide Notifications Nos. 600 dated 15th Edavom 1940 and 767 dated 6th Edavom 1944. published at page 127 of the 1st Annu 1940. and at 18th May 1939. 18th June 1939. and at page 229 of the 5th Varkey 1944. Travancore Gazette. 18th May 1939.

EXPORT TARIFF.—(continued.)

No.	DESCRIPTION OF GOODS.	PER.	TARIFF VALUATION		RATE OF DUTY.	
			Ra.	A.		
	Laurel nuts	Cwt.	7	0		
	Castor seed	Do.	4	8		
5	Ones—					
	Gingelly	Do.	15	0	5 per cent.	
	Cocconut	Do.	15	0		
	Laurel	Do.	8	0	1 per cent.	
	Castor	Do.	16	0		
	Lemon grass... ..	lb.	1	12		
	Margosa ... ..	... ..	Advalorem		
6	Grease—					
	Ghee	Cwt.	40	0		
	Lard (hogs)	Do.	25	0		
	Fat (beef)	Do.	20	0		
	Fish oil	Do.	15	0		
7	Hides—					
	Country Buffalo Hides tanned	Score.	80	0	5 per cent.	
	Cow Hides tanned	Do.	60	0		
	Goat skins	Do.	16	0		
	Sheep skins	Do.	11	0		
	Deer skins	Do.	8	0		
	Kid skins	Do.	6	0		
	Hides untanned—					
	Country Buffalo	Do.	40	0		
	Cow	Do.	30	0		
	Goat skins	Do.	8	0		
	Sheep skins	Do.	5	8		
	Deer skins	Do.	4	0		
	Kid skins	Do.	3	0		
	All other hides or skins ... ..	... ..	Advalorem		
8	Horns—					
	Horns Buffalo	Cwt.	11	0		
	Do. Cow	Do.	6	0		
	Do. Stag and Deer	Do.	12	0		
	Elephants' tusks (other than hollows) each exceeding 20 lbs. in weight and hollows each weighing 10 lbs. and over	Do.	500	0		
	Elephants' tusks (other than hollows) not less than 10 lbs. and not exceeding 20 lbs. each and hollows each weighing less than 10 lbs.	Do.	425	0		

EXPORT TARIFF.—(continued.)

No.	DESCRIPTION OF GOODS.	PER.	TARIFF VALUATION	RATE OF DUTY.
	Elephants' tusks each less than 10 lbs.	Cwt.	225 0	}
	Do. Grinders	Do.	125 0	
	Bison horns ...	...	Advalorem	
9	GINGER GREEN AND DRY—			
	Ginger unstrapped Malabar	Do.	10 0	}
	Dry ginger ...	Do.	15 0	
	Gahnga	Do.	3 8	
10	SALT FISH ...	Do.	3 0	}
11	TAMARINDS ...	Do.	2 8	
12	SUGAR CANE AND ALL ITS PRODUCE (a) —			
	Sugar cane ...	1000.	15 0	} 5 per cent.
	Molasses ...	Cwt.	6 0	
	Sugar hard ...	Do.	23 0	
	Do. soft ...	Do.	12 0	
	Treacle or Juice	...	Advalorem	
13	ARROW ROOT AND ITS PRODUCE—			
	Flour ...	Do.	20 0	}
	Root ...	Do.	2 0	
14	TURMERIC OF EVERY KIND—			
	Turmeric ...	Do.	7 0	}
	Pinjel ...	Do.	3 4	
	Maramunjai and Munchausy	...	Advalorem	
15	KUTCHOLUM ...	Do.	10 0	}
16	JUTE FIBRE ROPE, &c. ...	lbs. 300.	10 0	
17	FISHING NETS, &c. ...	...	Advalorem	
18	PEPPER (b) ...	Candy.	...	5 Rupees.
19	SEA SHELLS, LIME AND BATTLE CHUNAM ...	Cwt.	0 8	5 per cent.
20	DYING AND COLOURING MATERIALS—			
	INDIGO—			
	Leaves green and dry	Ton.	...	} 3 Rupees
	Manufactured	Indian Maund.	...	
21	SALT PETRE ...	...	Noruck.	3 per cent.
22	LAC—			
	Button	Cwt.	65 0	} 5 per cent.
	Seed	Do.	45 0	

(b) Unless otherwise authorized, pepper intended to pass out of the country cannot be exported, if by sea, from any other Ports than Alleppey and Quilon, or, if by land, by any other routes than Vellayamattam, Peruvanthannam (now Goodalore) Achemodi Aurimavoo, Kulathoopulay, Aramboly, Arsecooty, Bagavadicottah, and Verappully. But if intended to be shipped at British Cochin shall as usual be covered by a certificate from the Frontier Chowkey at Arsecooty. Vide Notification No. 767 dated 6th Edavom 1944.

18th May 1898. published at page 329 of Travancore Gazette dated

6th Vailankany 1944.

18th May 1898.

EXPORT TARIFF.—(concluded.)

No.	DESCRIPTION OF GOODS.	PER.	TARIFF VALUATION		RATE OF DUTY.
			Ra.	A.	D.
	Shell	Cwt.	80	0	5 per cent.
	Stick	Do.	35	0	
	Other sorts except lac dye which is free		Advalorem		
23	OPPIUM PER CHEST OF 2 INDIAN MAUNDS (c)				5 per cent.
24	TIMBER (a)—				
	Teak, Black wood, and Thavatharam	Candy	12	0	5 per cent.
	Cole Teak	Do.	5	0	
	Anjelly, Jack, Thampavoo Karingalee	Do.	6	0	
	Jungle wood of all descriptions not above named	Do.	4	0	5 per cent.
	Teak, Black wood and Thavatharam planks	100 Thovadais	100	0	
	Anjelly, Jack, Thampavoo and Karingalee planks	Do.	75	0	
	All other kinds of planks	Do.	40	0	5 per cent.
	Knees and ribs used in ship building	Corgy	40	0	
	Do. Do. for small vessels	Do.	20	0	
	Do. Do. for boats	Do.	10	0	5 per cent.
	Areca trees	100	15	0	
	Bamboos	Do.	10	0	
	Cocconut and Palmyra rafters	100 Coles.	5	0	5 per cent.
	Oilmills	each.	3	0	
	Boats made of Anjelly	parah.	0	4	
	Do. All other kinds of timber	Do.	0	3	5 per cent.
	Masta Poonay girth range from 12 to 18 Virals		125	0	
	Do. Do. below 12 Virals		80	0	
	Logs intended to be used for	each.	10	0	5 per cent.
	Catamarans Vambo	Do.	2	0	
	All other kinds	parah.	2	0	
	Yanathonee	each.	2	0	5 per cent.
	Codapanay		Advalorem		
	Water wheels	Cwt.	1	8	
25	PLUMBAGO				5 per cent.
26	COFFEE (a)—				
	Peeled Coffee	Do.	20	0	
	Parchment Coffee	Do.	16	1	5 per cent.
	Cherry Coffee	Do.	10	12	

(c) Vide Notification No. 1, dated 19th Aug. 1948. 20th Aug. 1948. 22nd Aug. 1948. published at page 203 of Travancore Gazette dated 25th Aug. 1948. 28th Aug. 1948.

TELEGRAPH DEPARTMENT.

S. V. Fraser,

Assistant Superintendent Cochin Sub-Division, In charge.

Allaphey, a 2nd Class Office—open from 7 A. M. to 9 P. M. daily, except on Sundays and Holidays, when it is open from 7 to 9 A. M. and from 4 to 9 P. M.

S. C. Muttusamy, Telegraph Master.

Quilon, a 3rd Class Office—open daily from 10 A. M. to 5 P. M. except on Sundays and Holidays, when it is open from 7 A. M. to 9 A. M. and from 4 P. M. to 6 P. M.

C. R. Ferguson, Telegraph Master.

Trevandrum, a 2nd Class Office—open from 7 A. M. to 9 P. M. daily, except on Sundays and Holidays, when it is open from 7 to 9 A. M. and from 4 to 9 P. M.

L. C. Gomes, Telegraph Master.

Nagercoil, a 3rd Class Office—open daily from 10 A. M. to 5 P. M. except on Sundays and Holidays, when it is open from 7 A. M. to 9 A. M. and from 4 P. M. to 6 P. M.

J. T. Winckler, Telegraph Master.

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RULES AND RATES FOR INLAND TELEGRAMS.

Rules and Tariff, relating to the transmission of Telegraph Messages, in India, and between India and Ceylon, sanctioned by the Governor-General in Council, with effect from the 1st April 1880.

GENERAL.

RULE I.—The accuracy of messages is not guaranteed, and the sender and receiver must accept all risks arising from non-delivery, errors, or delays.

RULE II.—Telegraph Stations are divided into three classes *vis* :—

Class of Office.	General working hours (local time.)	Special working hours (local time) on Sunday, Christmas Day, New Year's Day, Good Friday, and the Queen's Birthday.
I.	Day and night	Day and night
II.	7 A. M. to 9 P. M.	7 to 9 A. M., and 4 to 9 P. M.
III.	10 A. M. to 5 P. M.	7 to 9 A. M., and 4 to 6 P. M.

RULE III.—In cases of life and death, or of extraordinary emergency, a message, countersigned by the Chief Civil or Military Authority at a Station, or by any of the Authorities empowered to "clear the line" (see Rule XI), can be sent from any Office at any time.

Exception in favor of emergent telegrams signed by competent authority.

RULE IV.—Senders of messages are advised to write their messages in an unmistakable and distinct hand.

Messages should be legibly written.

ACCEPTANCE OF MESSAGES FOR TRANSMISSION.

RULE V.—No message or messages of more than 500 words can be sent at any one time by any private individual or firm, and no second message by the same individual or firm till after the lapse of three hours, unless the lines be free and not required by any one else.

Limit to length of messages.

RULE VI.—All messages must be legibly written in the Roman character or in Arabic figures: subject to the above limitation, messages may be sent in the vernacular, or any foreign language, or in cipher, if written in Arabic numerals.

Messages must be in the Roman character, or Arabic figures.

Messages translated for natives.

At Stations other than the Presidency Towns, every assistance possible is afforded to natives in the translation of messages into English and *vice versa*.

Form to be followed.

RULE VII.—The body of the message must be preceded by the *address* (as defined in Rule XVIII.) The true signature and address of the Sender must always be written at the foot of the message.

Verification of signature to private messages may be insisted upon.

The Sender of a private message can always be called upon to prove that the signature attached to it is genuine.

Full address necessary.

RULE VIII.—The address must contain all the information necessary to ensure the delivery of the message at its destination, and the Sender in all cases supports the consequences of insufficiency of address. After the message is once despatched, it can neither be cancelled, completed, nor rectified except, by the despatch of a fresh *paid* message.

Authentication of corrections necessary.

RULE IX.—Every interlineation, reference, erasure, or alteration of words must be authenticated by the Sender of the message, or by his representative.

Messages sent by Post to Telegraph Stations for transmission.

RULE X.—Messages from places where there is no Telegraph Station should be addressed to the nearest Government Telegraph office by post registered, together with Telegraph or Postage stamps sufficient for their payment. A Receipt for the amount will be posted free to the Sender.

Treatment of messages received by Post for transmission insufficiently stamped.

In the case of a *private* message sent by Post to a Telegraph Station with an insufficient number of stamps, the message and stamps will be returned "Service Bearing" to the Sender, who should in all cases give his full address.

Messages addressed to non-Telegraph Stations.

RULE XI.—Messages can be addressed to places where there are no Telegraph Stations. In such cases, the Sender must state (free) from what Telegraph office delivery is to be effected.

Example.—"To Sherghotty, Post Burkes." No charge will be made for ordinary *Inland* postage, which is defrayed by the Telegraph Administration. But if the Sender of a message that has to be delivered by *Inland* post wishes

it to be registered, he must prepay the postal registration fee of four annas, and intimate that this has been done by adding (free) the words "Post registered," instead of "Post," before the name of the Telegraph Station at which the message is to be posted.

Postal registration is compulsory in the case of messages which have to be posted in India to places beyond Indian limits, and in such cases both the postage and registration fees* must be prepaid by the Sender.†

RULE XII.—With the following exception, all charges for messages must be prepaid in cash or in stamps:—

"Bearing" messages.

Messages are sent "bearing" from Sea-ports when received for despatch by mail steamers or other vessels, but no such message whether "prepaid" or "bearing" will be received for transmission until the name of the vessel has been made known. *Bearing messages will not be delivered to the Addressee until after payment has been obtained.*

RULE XIII.—All charges on telegrams are prepaid in Telegraph Stamps, which are procurable at every Treasury and every Government Telegraph Station.

Use of Stamps.

Telegraph Stamps are double-headed, the object being that the *upper half* shall be returned on the Receipt (whereby the Sender receives a guarantee that his message has not been suppressed for the sake of the stamps), and the *lower half* shall be affixed to the message as voucher to Government that it has been prepaid.

Form of stamp provides a guarantee to the Sender and to Government.

Proper Forms on which to write messages are available *gratis* at all Telegraph Stations, and Senders are requested to use these forms only.

Forms obtainable gratis at all stations.

The Senders of messages should be careful to affix their stamps on the spaces left blank for the purpose on the message forms, the *upper half on the Receipt, the lower half on the message*, and to see that the stamps are defaced with the office stamp which bears the name of the station and the date.

Stamps to be properly affixed to the forms.

* 12 annas.

† The registration fee (4 annas) is also payable in the case of messages to which replies are prepaid, and which are addressed to a Station where there is no Telegraph office, or to stations on the Eastern Bengal, Madras and South Indian Railways (vide note to Rule 37).

Out or defaced stamps cannot be received.

Telegraph stamps cut in two before being sent into a Telegraph Office, or which are in any way defaced, discolored, or damaged cannot be accepted.

Charges on service messages.

RULE XIV.—Service messages from all Public Functionaries must be paid for in cash or in stamps prior to despatch; the rates are the same for Service messages as those charged to private individuals. This Rule will be relaxed in case of great emergency; whenever a State message is tendered for despatch under this permission, the Sender must certify to its urgency, and to the necessity for its immediate despatch without prepayment, and must take the necessary steps to ascertain the charges on it, and pay them into the Telegraph office within 24 hours.

Service messages take their turn for despatch with private messages.

RULE XV.—Service messages have no right of precedence, and take their turn for despatch with private messages, except in cases of pressing public emergency, when priority may be claimed on special grounds.

No unpaid messages to be despatched under penalty.

RULE XVI.—No unpaid messages, except those specified in the Departmental Regulations, shall on any account be transmitted. A violation of this rule will subject the Signaller or Telegraph Master in charge of the station from which a message is improperly despatched to dismissal from the public service.

Objectionable messages to be refused acceptance.

RULE XVII.—Telegraph Masters are required to refuse to transmit a message which may be of a decidedly objectionable or alarming character. Should the character of a message be open to doubt, the matter shall be referred to a Secretary to Government, if the message be tendered at the seat of Government, or the Chief Civil or Military Officer if at a Provincial station.

CHARGES.

RULE XVIII.—No charge is made for the transmission of the address.

Free address.

The 'Address' includes names of stations from and to which the message is to be despatched, the *bona fide* names or designations* of the Sender and Addressee, and the latter's address.

* Name and designation cannot both be admitted unless it would otherwise be obviously impossible for the Addressee to identify the Sender. A message can only be sent in the name of one individual or firm.

No other words can be transmitted unless paid for as part of the body of the message, and the officers of the Telegraph Department are authorized to omit from the address any words which are not essential to the correct delivery of the message.

If the Sender of a message desire *his own* address to be telegraphed, it must be included in the body of the message, and paid for.

RULE XIX.—The following are the rates Charge for message. of charges for a message :—

No charge is made for the transmission of the address.	For every six words or groups of three figures, exclusive of the address.
	Rs. A.
Between any two stations in India ...	1 0
Between any station in India and any station in Ceylon ..	1 8

RULE XX.—A message can be sent from any station of the Government Telegraph Department to any Railway Telegraph Station or vice versa, without additional charge.

Messages despatched to and from Railway stations without extra charge.

APPLICATION OF CHARGES.

RULE XXI.—The maximum length of a word is fixed at six syllables, the excess is counted as a word.

RULE XXII.—Messages must not contain any unusual combinations, abbreviations, or constructions. Any word in common use, which, although requiring two words to express it, is generally recognised as one word, is charged as one word when so written; when the two parts are not joined by a hyphen or apostrophe, and when less than six syllables.

"Halfpenny," "Twopence," "Threepence," do. up to "Elevenpence," when written as a single word, count as one word only. "F.O.B." and "C.F.I.," when written as separate letters, are each counted as three words, but when written "Fob," "Cfi," as one word.

No unusual abbreviations or combinations permitted.

Words joined by a hyphen.

Words separated by an apostrophe.

Proper names, titles, &c.

Every separate character, including an underline, charged as a word.

Signs of punctuation.

Charges for figures.

Method of counting figures.

All words to be transmitted charged for.

Date and time of receipt added by the Department & transmitted free.

Multiple messages charged as separate messages.

RULE XXIII.—Words joined by a hyphen are counted as so many separate words.

RULE XXIV.—Words separated by an apostrophe are counted as so many separate words. (*This rule does not apply to nouns in the possessive case, as "General's," "Charles," "Brother's."*)

RULE XXV.—Proper names of towns and persons, names of places, streets, ships, titles, Christian names, prefixes, and qualifications are counted for the number of words employed by the Sender to express them.

RULE XXVI.—Every *isolated* character, whether letter or figure, is counted as a word. The same applies to an underline.

RULE XXVII.—Signs of punctuation, hyphens, apostrophes, inverted commas, parentheses, decimal points, and bars of division, are not counted or signalled, but decimal points, commas, and bars of division *used with figures* are each counted as a figure and signalled.

RULE XXVIII.—When numbers are expressed in figures, all the characters, figures, letters, or signs in each group are added together, the total divided by three, and the quotient, plus one for the remainder, if there be any, gives the number of words the group represents. Signs used to separate groups and letters added to figures to form ordinal numbers are counted each as a figure or letter; groups of letters not forming words (letter cipher) cannot be transmitted.

RULE XXIX.—All that the Sender writes in his message to be transmitted to be included in the cost, but the address of a message, as defined in *Rule 18*, will be transmitted without charge.

The day, hour, and minute (*Madras time*) of receipt of a message into a Telegraph Office for despatch are in every instance added by the Department *and telegraphed free of charge*. Senders may, however, date their messages if they think fit, but the Sender's date, if given, will be charged for.

RULE XXX.—A message addressed to several persons, or to the same person, in localities where delivery is to be effected by different offices, is charged for as so many separate messages.

RULE XXXI.—A message addressed to several persons in one locality, or to the same person at several places of residence in one locality, with or without transmission by post, is charged for as a single message, but a copying fee of four annas, independently of postage, if any, is charged for each destination after the first.

Multiple messages charged as one message.

REPETITION OF MESSAGES.

RULE XXXII.—The Sender of any message can require that it be repeated. In this case the different stations employed in its transmission collate it as it passes, repeating it to each other integrally.

Collation of message.

RULE XXXIII.—The charge for repeating is equal to half the charge for the message. A repeated message is indicated by the word "*collatione*," which, to ensure the greatest accuracy, is telegraphed (free) both in the official instructions and as the first word of the text of the message.

Charge for collation.

ADVICE OF DELIVERY

RULE XXXIV.—Any Sender can require that a notice of the time at which his message is delivered be transmitted to him by telegraph. This advice of delivery may be addressed to him at any Station he may name.

Advice of delivery.

RULE XXXV.—If the message cannot be delivered, the return-telegram indicates the circumstances which prevented delivery, and, if possible, gives the information necessary to enable the Sender to cause his message to reach its destination.

Case of non-delivery.

The return-message has priority in transmission over other messages of the same class.

Priority of return-message.

RULE XXXVI.—The charge for an advice of delivery or non-delivery is one rupee within Indian limits, and one rupee and eight annas between India and Ceylon.

Charge for advice of delivery.

PREPAYMENT OF REPLY.

RULE XXXVII.—The Sender of a message can prepay a reply depositing for this purpose a sum not exceeding *ten times* the cost of his original telegram.* He must add to his message the words "*Reply prepaid*" or "*Answer paid*."

* A message to which a reply is prepaid must not be addressed to more than one person.

These must form the concluding words of the message, but will not be charged for. On depositing the corresponding sum, the Sender can add (free) to the words "Reply paid" or "Answer paid" the amount to which he wishes the reply to be limited. When the words "Reply paid" alone are given, without any specified amount, it will be understood that the minimum charge only has been prepaid. The Terminal Station pays to the Receiver, in Telegraph Stamps, the amount prepaid, leaving it to him to send his answer how, and when, and to what address he pleases, or not to send one at all. The reply, if sent, is considered in every respect as a fresh message.

Should it be impossible to effect delivery of a "Reply-paid" message, the Terminal Station sends a Service telegram to that effect to the Sender, and the amount deposited will be refunded on application being made to the Telegraph Check Office, Calcutta. The words "Reply paid" or "Answer paid" entitle the Addressee to receive the equivalent of the minimum charge only. It should be distinctly understood that it is not compulsory on the addressee to send a reply. The duty of the Telegraph Department consists simply in paying to him, in Telegraph Stamps, the amount prepaid, leaving him at liberty to do what he pleases with it. †

DELIVERY.

Free delivery within five miles of a Telegraph station.

RULE XXXVIII.—Messages will be delivered free of charge at any place within five miles of a Telegraph Station. Beyond this distance, messages will be sent by post or by such other means as the Sender may arrange and pay for. Should the addressee of a message have left the station to which it is addressed, it will, if returned unopened with definite instructions as to the new address be re-transmitted without extra charge.

† As the Eastern Bengal, Madras and South Indian Railway Companies declare their inability to make over prepaid reply deposits to Addressees, messages addressed to stations on those Railways to which replies are prepaid, are not transferred to the Railway Telegraph, but posted (with Telegraph stamps enclosed) from the nearest Government Telegraph Station direct to the addressee. Postal registration is compulsory in this case, as also in that of a message to which a reply is prepaid addressed to a station, where there is no Telegraph Office.

RULE XXXIX.—Any Firm or Individual expecting to receive Inland or Foreign messages can register an abbreviated address at the Government Telegraph Office from which such messages have to be delivered.

Rules for registration of abbreviated addresses.

No abbreviated address can be accepted which has already been registered *locally* by another Firm or Individual.

The fee for registration of *each* abbreviated address is Rs. 10 per annum, payable in advance on the 1st January in each year, or Rs. 50 for all time, with a fine of Rs. 5 for every change of address. Abbreviated addresses are considered confidential.

The Department accepts no responsibility in respect of the delivery of any telegram having an abbreviated address, if such address has not been registered.

CLEAR LINE MESSAGES.

RULE XI.—On emergent occasions of great importance, the public functionaries named below have the power to "clear the line," that is, to suspend the receipt and despatch of all messages until the one for which the line is "cleared" is passed on.—

- (1).—The Governor-General of India.
- (2).—The Governors of Madras, Bombay, and Ceylon.
- (3).—Commanders-in-Chief, India, Madras, and Bombay.
- (4).—Lieutenant-Governors of Bengal, North-Western Provinces, and the Punjab.
- (5).—Secretaries to the Government of India.
- (6).—Secretaries to the Governments of Madras, Bombay, Bengal, North-Western Provinces, and Punjab.
- (7).—Chief Commissioners of Oudh, the Central Provinces, British Burma, Mysore and Coorg, and Assam.
- (8).—Agents to the Governor-General, Rajpootana and Central India.
- (9).—Commissioners of Sindh and Peshawar.
- (10).—The Resident at Hyderabad (Deccan).

(11.)—Director General of Telegraphs in India.

(12.)—The Maharajah of Patiala *from the Patiala Office only.*

The messages so sent are, however, to be paid for, in cash or in stamps, as other State messages.

REFUNDS.

No refund given for errors in an uncollated message.

RULE XLI.—No refund will be made for a message delivered wholly or partially in an unintelligible state, unless the extra charge for repetition has been paid by the Sender. See Rule 33.

Conditions of refund in the case of non-delivery or delay of messages.

RULE XLII.—If a message be not delivered, or be subjected to serious delay through the fault of the Telegraph Department, the whole charge made for it will be returned to the Sender.

RULE XLIII.—Applications for refunds, as also all complaints respecting messages, should be addressed to the TELEGRAPH CHECK OFFICE, CALCUTTA. Such claims for refund should be made, under penalty of rejection, within two months from the date of the message; but this period is extended to six months in the case of a repeated message, or of a message for which a *Reply* or an *Admission of Delivery* has been prepaid. (*When an overcharge has been made on an inland message through the neglect of the Telegraph employees, and when there exists no doubt whatever as to the justice of the claim, the amount overcharged will be repaid at once by the Telegraph Master.*)

CANCELLATION OF MESSAGES.

Refund not admissible when a message is cancelled at the Sender's request.

RULE XLIV.—If the Sender of an inland message wishes to cancel it before transmission has commenced, he can do so, but the charges upon it will not be returned when once the stamps are obliterated. If the message is in course of transmission, or has already been despatched, it can only be cancelled by a paid message from the Sender to the Telegraph Master of the Terminal Station. If in addition the Sender wishes to be informed by telegraph in what manner his request has been acted upon, he must deposit the cost of the return telegram.

OBLIGATION OF SECRECY.

RULE XLV.—To secure secrecy as much as possible, all persons (including officers of the Department) not actually on duty, are strictly prohibited from entering the Signal-room. Breach of this regulation renders an offender liable to a fine of Rs. 500 under Act I of 1878.

RULE XLVI.—Violation of secrecy on the part of any person in the Department will be punished by dismissal from office, forfeiture of arrears of pay, and a declaration in the official Gazette of the incapacity of the delinquent to serve the Government in any capacity. He will also be liable to the further punishment of fine, or to imprisonment (with or without labor) not exceeding three years, or to both.

It is a violation of secrecy to mention the fact that a message has been received or despatched by any particular person or firm.

Penalties for divulging the contents of a message.

COPIES OF MESSAGES.

RULE XLVII.—The Sender and Receiver have a right to be furnished with certified true copies of any message sent or received by them; a fixed charge of four annas is made for every copy furnished. As no Telegraph office keeps copies of messages longer than three days, applications for copies required after that time has elapsed should be made to the TELEGRAPH CHECK OFFICE, CALCUTTA.

Certified copies of messages obtainable by Sender and Receiver.

Applications for copies must be made within six months of the date of the message. At the expiration of that period all message drafts are destroyed.

One anna must be enclosed for postage of the reply—failing which, it will be sent "bearing."

PRESS MESSAGES.

RULE XLVIII.—Under certain conditions, to be ascertained on application to the Director General of Telegraphs (Traffic Branch), *bona fide* Press messages, i. e., messages in the ordinary English language addressed to, and intended for publication in, a newspaper, can be despatched at reduced rates.

SOME OF THE LEADING EVENTS IN THE HISTORY OF TRAVANCORE.

ARRANGED IN CHRONOLOGICAL ORDER.

Note.—The Compiler does not hold himself responsible for their perfect accuracy.

<u>3412 KALI ERA</u> <u>310 A. D.</u>	Oheramon Perumal, who ruled over all Malabar, divided his dominions among his heirs—one of whom got the Southernmost portion now known as Travancore, corruption of Sri-Vidhancodu or Tiruvidancodu
<u>3452 K. E.</u> <u>350 A. D.</u>	A colony of Syrian Christians, brought over by a merchant, Kona Thoma, settled in the country.
<u>8831 K. E.</u> <u>729 A. D.</u>	Veera Martanda Vurma ascended the musund.
<u>3927 K. E.</u> <u>825 A. D.</u>	From this year, commenced the Malabar Era, otherwise called the Quilon Era, from the place where it was first determined and proclaimed.
<u>225 M. E.</u> <u>1049 A. D.</u>	The Town of Trevandrum was founded. This town was and is still known by the name of "Ananthapuram" or Tirumananthapuram.
<u>392 M. E.</u> <u>1116 A. D.</u>	Nanjinaid was conquered from its Koraven Chief and annexed to Travancore.
<u>480 M. E.</u> <u>1304 A. D.</u>	The Village of Attingal—from which the Rases of the Royal Family take their title—was founded.
<u>511 M. E.</u> <u>1335 A. D.</u>	Veera Rama Martanda Vurma ascended the throne.
<u>551 M. E.</u> <u>1375 A. D.</u>	Eravi Vurma Do.
<u>558 M. E.</u> <u>1382 A. D.</u>	Kaler Koolashagara Perumal Do.
<u>557 M. E.</u> <u>1382 A. D.</u>	Chara Oodaya Martanda Vurma ... Do.
<u>620 M. E.</u> <u>1444 A. D.</u>	Veynad Moothoo Rajah Do.
<u>634 M. E.</u> <u>1456 A. D.</u>	Veera Martanda Vurma Do.
<u>647 M. E.</u> <u>1471 A. D.</u>	Aditya Vurma Do.
<u>654 M. E.</u> <u>1478 A. D.</u>	Eravi Vurma Do.

679 M. E.	Martanda Vurma	...	...	...	...	Ascended the throne.
1553 A. D.						
680 M. E.	Eravi Vurma	...	...	...	...	Do.
1554 A. D.						
704 M. E.	Martanda Vurma	..	...	...	...	Do.
1573 A. D.						
718 M. E.	Oodaya Martanda Vurma	...	...	...	...	Do.
1537 A. D.						
738 M. E.	Kerala Vurma	...	...	...	...	Do.
1560 A. D.						
739 M. E.	Aditya Vurma	...	...	...	...	Do.
1563 A. D.						
741 M. E.	The Foundation of the great Pagoda Tower at					
1565 A. D.	Trevandrum was laid					
743 M. E.	Oodaya Martanda Vurma	ascended the Musnud.				
1567 A. D.						
770 M. E.	Veera Eravi Vurma	...	...	...	...	Do.
1584 A. D.						
780 M. E.	Veera Vurma	...	...	...	...	Do.
1604 A. D.						
782 M. E.	Eravi Vurma	...	...	...	...	Do.
1606 A. D.						
796 M. E.	Oonni Kerala Vurma	...	...	...	...	Do.
1619 A. D.						
801 M. E.	Eravi Vurma	...	...	...	...	Do.
1625 A. D.						
807 M. E.	Oonni Kerala Vurma	...	...	...	...	Do.
1631 A. D.						
837 M. E.	Aditya Vurma	...	...	...	...	Do.
1661 A. D.						
853 M. E.	Oomayammal Rancee	...	...	...	...	Do.
1677 A. D.						
855 M. E.	A Mahomedan, popularly known as "Mukilon"					
1679 A. D.	corruption from "Mogul" entered the country					
	with a party of armed followers and encamped at					
	Manakad, South of the Trevandrum Fort.					
960 M. E.	Eravi Vurma Rajah	ascended the Musnud.				
1684 A. D.						
960 M. E.	The English East India Company settled at					
1684 A. D.	Anjengo with the consent of the Rancee of Attingal.					
894 M. E.	Kerala Vurma	ascended the Musnud.				
1718 A. D.						

909 M. E.	Rama Vurma ascended the throne.
1794 A. D.	
903 M. E.	The Village of Kilimanore in Sheraingil Talook
1787 A. D.	was assigned to the Consort of the Ranea.
904 M. E.	The Fort of Anjengo was built. The Ranea by
1788 A. D.	a silver plate Deed permitted the trade of the
	Honorable Company, Mr. EKKTEL on their part
	promising to pay an annual rental of 75 gold coins.
904 M. E.	Marianda Vurma ascended the throne.
1789 A. D.	
906 M. E.	Alagappa Mudaly appeared with a force sent
1789 A. D.	by the Nawab of Trichinopoly to enforce the
	claims of two rebel Thumbis.
910 M. E.	Travancore acquired Shencotta, Olanoad, Kar-
1784 A. D.	kudi, Nedumongad, Kottarakaray, and Puthana-
	puram.
914 M. E.	Nanjined was invaded by Worakar but he was
1788 A. D.	soon repelled by Dalawah Rama Iyen.
	The Dutch landed at Colachel, and some of
914 M. E.	them were permitted to reside in the country.
1788 A. D.	One of them was the celebrated D'Lenoy a Fla-
	mish adventurer popularly known as the Valia
	Cappithan (Captain in Chief).
919 M. E.	In commemoration of conquests made and in
1743 A. D.	expiation of sins inseparable from war, the Bhadra
	Depam ceremony was initiated and performed for
	the first time this year.
921 M. E.	The Principality of Kayancolem was annexed
1745 A. D.	by Travancore.
923 M. E.	Two ladies were adopted into the Royal Family.
1747 A. D.	
925 M. E.	The sexennial ceremony called Mooraajam was
1749 A. D.	first performed this year.
925 M. E.	The title of Pulpanaba Dass was assumed and
1750 A. D.	added to the Royal titles after the performance
	of certain acts of piety and humiliation.
926 M. E.	The assessing or the Revenue Settlement of the
1750 A. D.	State commenced this year and was completed in
	929 M. E.
	1752 A. D.
937 M. E.	Travancore purchased 30 miles of Territory
1753 A. D.	about Cape Comorin including the Fort of Kallid.
938 M. E.	Karapeoram a tract in the Cochin Territory
1753 A. D.	was conquered by Travancore forces under Dal-
	wah Rama Iyen.

920 M. E. 1753 A. D.	A treaty was entered into with the Cochin Rajah by which the latter agreed to render no assistance to the enemies of Travancore. This took place at Mavalikarai. The Cochin Rajah broke it soon after.
929 M. E. 1758 A. D.	The Principality of Ambalapulay was taken from its Brahmin Chieftain, the Chembagacherry Rajah.
930 M. E. 1754 A. D.	The Principality of Tekkenkur was annexed to Travancore. Vadakenkur was added soon after. These comprised the present Taluqs of Cottayam, Chenganacherry, Yettoomanoor, and Vyoma. About this time a line of Military defences was constructed along the northern frontier of Travancore which lay on the other side of Koomarakum, Immanum, Kypalli, Yettoomanoor, Kidangoor, Lalam and Kondoor, (in Meenachel.)
930 M. E. 1755 A. D.	The Territories (Kalkid &c) acquired by purchase in 927 M. E. were lost; but were reconquered in September following.
933 M. E. 1757 A. D.	Rama Vurma (popularly known as the el war or old Rajah) succeeded to the Masnad.
937 M. E. 1761 A. D.	A treaty of friendship and perpetual alliance was entered into between the Travancore and Cochin Sovereigns at the request of the latter at the holy shrine of Suchendrum, South Travancore.
937 M. E. 1761 A. D.	The Territories of Alengaud and Paravoor together with the village of Karapooram were ceded to Travancore by the Cochin Rajah for the help rendered by the former against the Zamorin. Another tract known as Poothenchuray was also obtained from Cochin.
943 M. E. 1773 A. D.	Another sewary or Periodical Revenue Settlement took place this year.
950 M. E. 1763 A. D.	The Rajah went on a pilgrimage to Ramaswaram.
964 M. E. 1768 A. D.	Two ladies were again adopted into the Royal Family.
964 M. E. 1766 A. D.	Two Battalions of the Honorable Company's Sepoys were stationed in the country for its defence (at the cost of Travancore) when threatened by Tipu Sultan.
965 M. E. 1769 A. D.	The Forts of Oranganore and Ayacottah were purchased by Travancore from the Dutch for the sum of 3 Lacs of Rupees.

968 M. E.	Tippu Sultan invaded Travancore on its North-
1789 A. D.	ern frontier and was completely repulsed.
968 M. E.	About this time Alappay was founded and
1793 A. D.	made the chief Port of Travancore.
970 M. E.	The Rajah concluded a treaty (No. LIII.
1794 A. D.	Aitchison.)
973 M. E.	About this time the Town of Cochin and the
1797 A. D.	settlement at Tangacherry, both possessions of the Dutch, passed into the hands of the English.
973 M. E.	The treaty entered into in 1795 between the
1797 A. D.	Honorable Company and the Rajah was ratified by the Court of Directors.
973 M. E.	Rama Vurma died and was succeeded by Rama
1798 A. D.	Vurma.
975 M. E.	Colonel C. Macaulay was appointed Resident of
1800 A. D.	Travancore.
978 M. E.	The lands and gardens were again assessed and
1803 A. D.	surveyed (മലപ്പുറം) Periodical Revenue settle-
	ment.
981 M. E.	Another and last treaty between the Rajah and
1805 A. D.	the Honorable East India Company was entered into this year.
983 M. E.	About this time an insurrection broke out head-
1808 A. D.	ed by Velu Tumbi Dalawai.
983 M. E.	Oominy Tumbi was appointed Dewan.
1808 A. D.	
984 M. E.	Rukmani Bai was born.
1809 A. D.	
985 M. E.	Lakshmy Bai succeeded to the musnad.
1811 A. D.	
988 M. E.	Rama Vurma was born.
1813 A. D.	
990 M. E.	Paroovathy Bai ascended the musnad.
1815 A. D.	
990-1001 M. E.	The Quilon Canal cut by Dewan Venoot Row.
1824-26 A. D.	The Canal from Trevandrum to Colithottum was cut and opened by the same Dewan.
1004 M. E.	Rama Vurma ascended the musnad. The cere-
1829 A. D.	mony of Thulabharam was performed this year.
1009 M. E.	The ceremony of Pathnagarbham was cele-
1834 A. D.	brated.
1012 M. E.	Rama Varma (the present Maha Rajah) was
1837 A. D.	born.
1022 M. E.	Martanda Vurma succeeded his brother to the
1847 A. D.	musnad.

During this reign, slavery was abolished by Royal Proclamation. The Maha Rajah sent an Ivory Throne to her Majesty Queen Victoria and received valuable presents in return.

1033 M. E.	Rama Vurma (the present Elia Rajah) was
1837 A. D.	born.
1033 M. E.	
1833 A. D.	Two ladies were again adopted.
1036 M. E.	
1860-61 A. D.	Rama Vurma ascended the throne.
1038 M. E.	
1863 A. D.	His Highness visited Madras.
1040 M. E.	
1864 A. D.	Carala Vurmah (the present First Prince) was born.
	His Highness again visited Madras when he
1042 M. E.	was invested with the Insignia of Knight Grand
1866 A. D.	Commander of the Most Exalted Order of the Star of India.
1042 M. E.	
1866 A. D.	The Rajah of Cochin visited Trevandrum.
1042 M. E.	
1868 A. D.	The title of Maha Rajah was formally recognised by the British Government.
1044 M. E.	
1868 A. D.	Lord Napier, Governor of Madras visited Trevandrum.
1045 M. E.	
1870 A. D.	The Thulabharam ceremony was celebrated.
1045 M. E.	
1870 A. D.	His Highness proceeded on a Tour to Madras to meet His Royal Highness the Duke of Edinburgh.
1049 M. E.	
1872 A. D.	His Highness proceeded on a Tour to Bombay to be present at a Chapter of the "Star of India", and thence proceeded to Benares.
1050 M. E.	
1875 A. D.	His Highness proceeded on a Tour to Madras, Calcutta, Agra and Delhi, (January and February.)
1051 M. E.	
1876 A. D.	His Highness proceeded on a Tour to Madras to meet His Royal Highness the Prince of Wales and thence to Calcutta to take part in the Chapter of the "Star of India" (December 1875 and January 1876.)
1054 M. E.	
1878 A. D.	His Highness proceeded on a Tour to Madras.
1055 M. E.	
1880 A. D.	The present Maha Rajah Rama Vurma ascended the throne.
1056 M. E.	
1880 A. D.	His Grace the Duke of Buckingham and Chandos, Governor of Madras, visited Trevandrum.

WEIGHTS, MEASURES, &c. USED IN TRIVANDRUM*Reduced to Equivalents in English Denominations.***WEIGHTS.**

1	Pannam	=	6 Grains (approximately.)	
13	Pannams = 1 Callenjoo	=	78 do.	"
13	Callenjoo = 1 Pallam	=	1014 do.	"
7½	Pallams = 1 Rautel	=	7605 do.	"

GRAIN MEASURE.

1	Naully	=	23 Cubic Inches	"
4	Naulies = 1 Edungally	=	92 do.	"
3	Edungallies	=	1 Gallon	"
10	do. = 1 Purray.			

LIQUID MEASURE.

4	Thodums = 1 Naully	=	23 Cubic Inches	"
4	Naulies = 1 Edungally	=	92 do.	"
10	Edungallies = 1 Purray.			
12	do. = 1 Chottanay.			
5	Chottanais = 1 Codum.			

MEASURE OF LENGTH, APPLICABLE TO LAND AND TIMBER, &c.

1	Angoolam	=	1½ Inch English approximately	
24	Angoolams = 1 Kole	=	30 Inches = 2½ Feet	"
4	Koles = 1 Thendoo	=	10 "	"
800	Thendoos = 1 Nauligay	=	8000 "	"
2000	do. = 1 Croasam	=	20,000 "	"
4	Croasams = 1 Yogena	=	80,000 "	"

MEASURE OF TIME.

8	Nody = 1 Mathra	=	0.1 Second.	
4	Mathras = 1 Gunnidum	=	0.4 "	
10	Gunnidums = 1 Vyerpoo	=	4.0 Seconds.	
6	Vyerpoos = 1 Vinaligay	=	24 "	
60	Vinaligays = 1 Nauligay	=	24 Minutes.	
2½	Nauligays = 1 Munneynebram	=	1 Hour.	
7½	do. = 1 Yaumam	=	3 Hours or 1 Watch.	
60	do or 8 Yaumams = 1 Divvasam	=	1 Day.	
7	Divvasams = 1 Wanram	=	1 Week.	
15	do. = 1 Packsham	=	15 Days (nearly.)	
2	Packshams..	..	1 Lunar Month.	
1	Manam ..	..	1 Native Month (29 to 31 days.)	
2	Manams	1 Rretoo	The Native Season.	
6	Rretocs	1 Waroosham	1 Year.	

TRAVANCOORE WEIGHTS, &c.

WEIGHTS OF COPPER, IRON, NUTS, PEPPER, &c.

16	Meeshams	=	1 Pannam.
10	Pannams		1 Callenjoo.
16	Callenjoo		1 Pallam.
100	Pallams		1 Tulam.
20	Tulams		1 Paaram.

WEIGHTS OF SUGAR, TOBACCO, OPIUM, &c.

10	Meeshams	=	1 Pannam.
10	Pannams		1 Callenjoo.
21	Callenjoo		1 Pallam.
5½	Pallams		1 Rautel.
24	Rautels		1 Maund.
150	do.		1 Toontoo.
4	Toontoo		1 Candy.

WEIGHT OF SALT.

1	Garoe	=	120 Maunds.
1	Maund		3,200 Tolas or Rupees.
1	Parah		1,050 Tolas.
1	Coomb		108,000 Tolas.
1	Indian Maund		8½ lbs. avoirdupois.

MEASURE OF SALT.

10	Edungalles	=	1 Parah.
160	Parahs		1 Coomb.

WEIGHTS, USED AT QUILON.

3	Pallams	=	1 Seer.
2	Seers		1 Rautel.
20	Rautels		1 Tulam.
28	do.		1 Kutcha Maund.
30	do.		1 Pucka do.

GRAIN MEASURE, USED IN MANNJYNAAD.

800	Grals of Paddy	=	1 Chevadoo.
5	Chevadoes		1 Allackoo.
3	Allackoes		1 Oluck.
4	Olucks		1 Puddy.
8	Puddies		1 Marcal.
21	Marcal		1 Kotta.

TABLES OF MONEY.

BRITISH INDIAN CURRENCY.

Rupee		Annas		Pice
1	=	16	=	192
		1		12

The Queen's Rupee weighs 180 grains or $\frac{1}{4}$ th of an ounce troy and contains $\frac{1}{16}$ th, or 165 grains of pure silver, and $\frac{1}{16}$ th or 15 grains of alloy.

32 Rupees weigh 1 lb. troy. 38 $\frac{1}{2}$ ths Rupee, 1 lb. avoirdupois. Other silver coins of British Indian currency, bear in all respects a due proportion to the Rupee.

TRAVANCORE CURRENCY.

Travancore Varahan (Gold coin) = 52 $\frac{1}{2}$ Cullian Panams.
Do. Half Do. (Do.) = 26 $\frac{1}{2}$ Do. Do.

Rupee		Anandarayan Pannam		Cullian Pannam		Chuckram		Cash
1	=	3 $\frac{1}{2}$	=	7	=	28	=	448
		1		2		8		128
				1		4		64
						1		16

30 $\frac{1}{2}$ Chuckrams weigh 1 Queen's Rupee; consequently 1 Chuckram weighs very nearly 6 grains. The silver of the Chuckram is 94.53125 per cent. fine, and therefore 286459, or nearly 3 per cent. better than that of the Queen's Rupee, which is only 91 $\frac{1}{2}$ ds fine. The established rate of exchange, viz. 28 $\frac{1}{2}$ Chuckrams per Queen's Rupee, is therefore nearly 4 per cent. less than a fair equivalent.

COCHIN SIRKAB CURRENCY.*

Rupee		Veravayan Pannam		Pooten		Pice
1	=	3 $\frac{1}{2}$	=	19 $\frac{1}{2}$	=	211 $\frac{1}{2}$
		1		5 $\frac{1}{2}$		60 $\frac{1}{2}$
				1		11

COINS CURRENT AT SHENCOTTAH.

4 Pice	=	1 Theotto.
48 Theottoes	=	1 Rupee.
48 $\frac{1}{2}$ Pice	=	1 Valla Pannam.
192 Pice or 4 $\frac{1}{2}$ Valla Pannam (at the rate of 16 $\frac{1}{2}$ Valla Pannams for 1 Pagoda)	=	1 Rupee.

* Current also in British Cochin.

Table No. I.
For converting Travancore to British Indian Currency.

Travancore Currency.			British Currency.			Travan- core.								
Rs.	Chs.	C.	Rs.	As.	P.	Rupers.	Q.	Rs.	As.	P.	Q.	Rs.	Chs.	C.
"	"	1	"	"	0.42	1		0	15	8.63	0	28	0	
"	"	2	"	"	0.84	2		1	15	5.26	1	27	8	
"	"	3	"	"	1.26	3		2	15	1.89	2	27	0	
"	"	4	"	"	1.68	4		3	14	10.53	3	26	8	
"	"	5	"	"	2.11	5		4	14	7.16	4	26	0	
"	"	6	"	"	2.53	6		5	14	3.79	5	25	8	
"	"	7	"	"	2.95	7		6	14	0.42	6	25	0	
"	"	8	"	"	3.37	8		7	13	9.05	7	24	8	
"	"	9	"	"	3.79	9		8	13	5.68	8	24	0	
"	"	10	"	"	4.21	10		9	13	2.32	9	23	8	
"	"	11	"	"	4.63	11		10	12	10.95	10	23	0	
"	"	12	"	"	5.05	12		11	12	7.58	11	22	8	
"	"	13	"	"	5.47	13		12	12	4.21	12	22	0	
"	"	14	"	"	5.89	14		13	12	0.84	13	21	8	
"	"	15	"	"	6.32	15		14	11	9.47	14	21	0	
"	1	"	"	"	6.74	16		15	11	6.11	15	20	8	
"	2	"	"	"	1.47	17		16	11	2.74	16	20	0	
"	3	"	"	"	1.89	18		17	10	11.37	17	19	8	
"	4	"	"	"	2.31	19		18	10	8.00	18	19	0	
"	5	"	"	"	2.73	20		19	10	4.63	19	18	8	
"	6	"	"	"	3.15	30		29	7	6.95	29	13	8	
"	7	"	"	"	3.57	40		39	4	9.26	39	8	8	
"	8	"	"	"	3.99	50		49	1	11.58	49	3	8	
"	9	"	"	"	4.41	60		58	15	1.90	58	27	0	
"	10	"	"	"	4.83	70		68	12	4.21	68	22	0	
"	11	"	"	"	5.25	80		78	9	6.53	78	17	0	
"	12	"	"	"	5.67	90		88	6	8.84	88	12	0	
"	13	"	"	"	6.09	100		98	3	11.16	98	7	0	
"	14	"	"	"	6.51	200		196	7	10.32	196	14	0	
"	15	"	"	"	6.93	300		294	11	9.48	294	21	0	
"	16	"	"	"	7.35	400		392	15	8.64	392	28	0	
"	17	"	"	"	7.77	500		491	3	7.80	491	6	8	
"	18	"	"	"	8.19	600		589	7	6.96	589	13	8	
"	19	"	"	"	8.61	700		687	11	6.12	687	20	8	
"	20	"	"	"	9.03	800		785	15	5.28	785	27	8	
"	21	"	"	"	9.45	900		883	3	4.44	884	6	0	
"	22	"	"	"	9.87	1000		982	7	3.60	982	13	0	
"	23	"	"	"	10.29	2000		1964	14	7.20	1964	26	8	
"	24	"	"	"	10.71	3000		2947	5	10.30	2947	10	8	
"	25	"	"	"	11.13	4000		3930	18	2.40	3939	23	8	
"	26	"	"	"	11.55	5000		4912	4	6.00	4912	8	8	
"	27	"	"	"	11.97	6000		5894	11	9.60	5894	21	0	

Table No. II.

For converting British Indian to
Travancore Currency.

Q. Rs.	As.	P.	T. Rs.	Chs.	C
"	"	1	"	"	2.37
"	"	2	"	"	4.75
"	"	3	"	"	7.12
"	"	4	"	"	9.50
"	"	5	"	"	11.87
"	"	6	"	"	14.25
"	"	7	"	1	0.62
"	"	8	"	1	3.00
"	"	9	"	1	5.37
"	"	10	"	1	7.75
"	"	11	"	1	10.12
"	1	"	"	1	12.50
"	2	"	"	3	9.00
"	3	"	"	5	5.50
"	4	"	"	7	2.00
"	5	"	"	8	14.50
"	6	"	"	10	11.00
"	7	"	"	12	7.50
"	8	"	"	14	4.00
"	9	"	"	16	0.50
"	10	"	"	17	13.00
"	11	"	"	19	9.50
"	12	"	"	21	6.00
"	13	"	"	23	2.50
"	14	"	"	24	15.00
"	15	"	"	26	11.50
"	1	"	"	28	8.00
"	2	"	"	1	0.00
"	3	"	"	3	8.00
"	4	"	"	4	0.00
"	5	"	"	5	8.00
"	6	"	"	6	0.00
"	7	"	"	7	8.00
"	8	"	"	8	0.00
"	9	"	"	9	8.00
"	10	"	"	10	0.00
"	20	"	"	20	0.00
"	30	"	"	30	0.00
"	40	"	"	40	0.00
"	50	"	"	50	0.00
"	60	"	"	61	2
"	70	"	"	71	7
"	80	"	"	81	13
"	90	"	"	91	17
"	100	"	"	101	22

Table No. III.

For converting Rupees, Annas and
Pies to Pounds, Shillings and Pence.

Rupees.	As.	P.	£	s.	d.
0	1	0	0	0	1½
0	2	0	0	0	3
0	3	0	0	0	4½
0	4	0	0	0	6
0	5	0	0	0	7½
0	6	0	0	0	9
0	7	0	0	0	10½
0	8	0	0	1	0
0	9	0	0	1	1½
0	10	0	0	1	3
0	11	0	0	1	4½
0	12	0	0	1	6
0	13	0	0	1	7½
0	14	0	0	1	9
0	15	0	0	1	10½
1	0	0	0	2	0
10	0	0	1	0	0

